

# LEHIGH ALUMNI BULLETIN



## THE LOOK-OUT

On South Mountain, where every visitor pauses  
to look down on Lehigh and Bethlehem.

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VOLUME 13

APRIL, 1926

NUMBER 7

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Published Monthly from October to June, inclusive, by the Alumni  
Association of Lehigh University, Inc.

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## **OF PITTSBURG, PA.**

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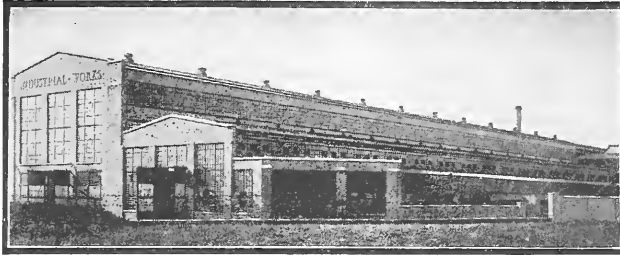
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Try a car of PNEUMO-GRAVITY Cleaned Coal  
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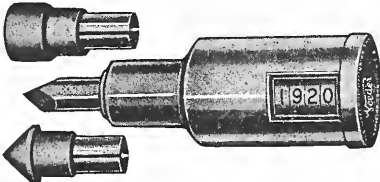
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**Products:** CYCLOMETERS FOR BICYCLES AND MOTORCYCLES, TO RECORD DISTANCE TRAVELED; ODOMETERS FOR MOTOR TRUCKS, TO REGISTER MILEAGE; COUNTERS FOR RECORDING THE PRODUCTION OF MACHINES; SPEED COUNTERS FOR COUNTING REVOLUTIONS OF SHAFTS OR FLYWHEELS; TACHOMETERS FOR INDICATING IN REVOLUTIONS-PER-MINUTE THE SPEED OF MOTORS, PRIME MOVERS, GENERATORS OR ANY REVOLVING PART. ALSO FINE DIE CASTINGS REQUIRING ACCURACY AND UNIFORMITY.



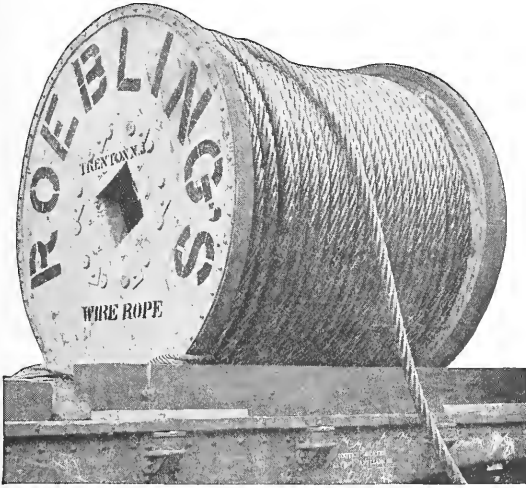
The No. 21 Speed Counter shown at left registers number of revolutions (per minute) of a motor, engine, dynamo, line shafting, machine spindle or any revolving part. The point is held against the end of the revolving shaft; the instrument pressed lightly when count is commenced; pressure released when the timing is over. Push-clutch starts or stops recording mechanism instantly, giving exact R. P. M. readings without use of stop-watch. Price, \$3.50.

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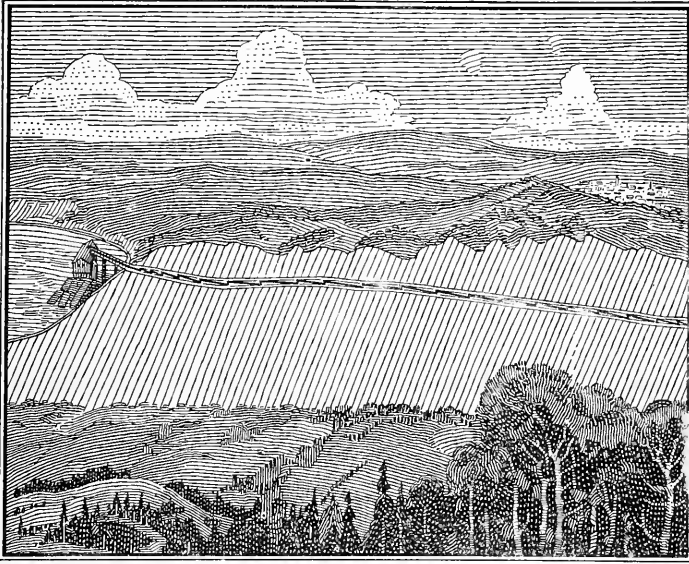
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A cross section of an underground coal conveyor  
in a Pennsylvania mine

## A wheelbarrow four miles long



To meet the colossal demands of the mining industry the General Electric Company produces locomotives and conveyors; it designs motors, large and small, for huge stripping shovels, loaders, fans, pumps, hoists, and undercutting machines—all bearing the monogram G-E.

Ten thousand tons of coal a day travel underground on this 4-mile-long conveyor.

With its G-E motors and automatic control it almost runs itself—a thrift example for the whole world.

Somewhere in your factory, office, or home, there is a task that electricity could do better and cheaper.

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# ALUMNI BULLETIN

OF

## LEHIGH UNIVERSITY

Monthly, October to June, inclusive, by the Alumni Association, Alumni Memorial Building, Bethlehem, Pa.

Subscription Price, \$2.00 a Year

Member of Alumni Magazines Associated

Entered as second-class matter at Bethlehem, Pa., Post-office.

WALTER R. OKESON, Editor.

A. E. BUCHANAN, JR., Asst. Editor.

VOLUME 13

APRIL, 1926

NUMBER 7

### NEWS AND COMMENT

**What's the Answer?** On the ballot you received in March were two questions to be answered by your vote.

A number of alumni apparently are wondering just what those questions mean and are asking how they can be expected to vote intelligently in answering them. In short, these questions have seemingly mystified a number of our constituents and they are seeking information.

This is exactly what we hoped for when we printed those questions on the ballot. Here in the Alumni Office we work and worry over the various things we are trying to do and seldom are able to get our employers to take an active interest in the problems that confront us. We would like to conduct the affairs of the Association along lines which will make not only for present satisfaction but for the future prosperity and growth of our organization and the great University of which it is a prop and support. Only by getting the reaction of the alumni to what we are doing or proposing to do can we determine whether we are on the right track. Sometimes we feel as though we were off on a side track with a dead end in front of us. Often just as we are about to give orders to "Back up" there will come a sudden chorus of approval that makes us instead order "Full steam ahead." Right now we are in the position of a locomotive in a railroad yard with a maze of tracks in front of us. If you fellows will throw the switch connecting us with the track you want to run on, we will open the throttle and "let 'er go." But we all want to be sure where the track leads.

All winter we have been analyzing the situation, comparing our Association with those of other colleges, arguing from the past as to the probable future and in general tying ourselves in mental bow-knots. We get a few letters of praise or criticism, but it is hard to interpret them correctly because they represent such a

small cross-section of our alumni body. Also the writers are often too insufficiently informed as to the facts to make their comment of constructive value. Realizing that our own perspective is probably distorted by too close proximity to the structure we are trying to build, we have been wanting, and wanting greatly, to get at the general alumni viewpoint. So we launched those questions on the ballot in the hope that through their very unexpectedness they might stir up curiosity and interest. If discussion follows, a better knowledge of the workings and the reasons for existence of the Alumni Association would result and opinions would be expressed which would confirm or rebut our own and thus help to set us on the right track if we are wrong, or send us on our way rejoicing if we are right.

The questions asked were, first whether the Association should continue as a money-raising organization primarily and, second, who should handle the Distribution of the Alumni Fund. The second question was not very important, having to do only with the establishment of some proper authority over the Alumni Fund. It makes little difference how it is answered, as either method proposed will doubtless be quite satisfactory. Putting it under the jurisdiction of the Board of Directors of the Association is a cleaner cut and more businesslike method than having the distribution subject to action by the Alumni Council confirmed at the Annual Meeting of the Association. The latter method however, has the advantage of bringing home each year to a large group of alumni a sense of responsibility in connection with this Fund. The principal reason for asking for a vote on this point was to make you all realize that this fund now has actual existence and its growth and its use are matters which concern deeply every Lehigh man. We wanted to make you ask,

"What is this fund and what is its purpose?" as some have asked; or "How about this fund? Have I subscribed?" as others have queried; or in the case of those who knew about the fund and had subscribed, we hoped for inquiries such as "Why does anybody have to be authorized to distribute it?"

This last question has been asked and the answer is that this fund is divided among several different organizations. None of them would feel free to receive and use its share without action by some authority duly constituted by the alumni who are the donors of the fund.

The first question having to do with the possible divorcing of the Association from money-raising is not such a simple one. In order to help the Alumni in voting, I wrote last month an open letter to the members of the Alumni Association which was published in the March BULLETIN. This issue was mailed so as to reach the subscribers at about the same time as their ballots. In it, I tried to point out the advantages of having the Association organized to raise money instead of having no permanent organization or real object for its existence. But I also tried to indicate that there were real dangers to the usefulness and perhaps the very existence of our Association if it became synonymous in the minds of our members with a collection agency. If a time should come when to its members this Association raises no thought except of appeals for funds, when its letters to them are all begging ones, when the one thing foremost in the minds of the staff of the Alumni Office is securing money and then more money for Lehigh, we would soon find ourselves in the position of the old-time Western farmer who concentrated on raising wheat. We would wake to the unpleasant fact that we had exhausted the fertility of the ground and no more crops could be raised. You must feed your soil as well as crop it even if you are using scientific rotation. Undergraduate life sows the seed. The Alumni Association should cultivate the soil and promote its fertility. The crops should be gathered by class or district organizations. In the case of the Alumni Fund, the class organization is the better, but for securing funds from outside donors, district organizations are required. In either case a central organization at the college is necessary for coordinating and directing the work. To such an organization the Alumni Association can render valuable assistance, but I question whether it is wise to make it solely responsible.

That is my opinion, but lots of fellows won't agree with me. One of the most

loyal of our alumni disagrees absolutely. He says, "I don't want the College asking me for money. I want my own Association to do that. It comes with more force and greater dignity when the Alumni Association does it." Another one says, "Why shouldn't the Alumni Association be the money raiser for the College? What other work can it do that is so important?" That so-called "Confession" of mine certainly got a response. We are printing elsewhere in this issue a few of the letters it evoked. The Board of Directors on March 26 spent three hours on this question. As you will see in their minutes, published in this number, they settled the matter as fully as they could pending the outcome of the vote.

Well, we wanted to stir up some interest and we have. We hoped for a discussion and we are getting it. We are looking for light, so "let it shine." Every letter we get helps. Every alumnus who button-holes us to express an opinion is doing constructive work. If you haven't time to write and our paths don't cross so as to permit of button-holing, you still have a means of helping to hand. VOTE!

\* \* \*

**Win or Lose** SCENE: The Alumni Office.  
CHARACTERS: Visiting Alumnus and Alumni Secretary.  
TIME: Just as Visiting Alumnus rises to leave.

V. A.: "What are the prospects of beating Lafayette next fall?"

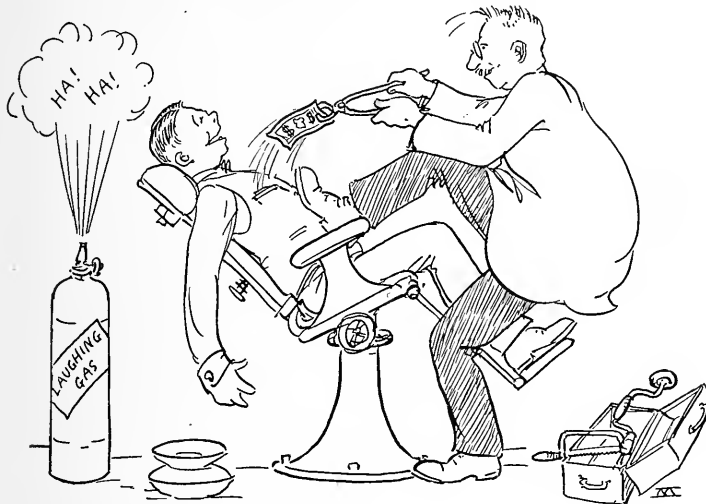
A. S.: "Why wait until next fall? We've beaten Lafayette six times out of a possible seven this year and have a half dozen more contests with them this spring."

V. A.: "Yes, I know. We've won in basketball, wrestling and swimming, but that isn't football."

There you have it. The one team you lay stress on, the one sport you fuss about is the team which has been losing to Lafayette, the sport in which we consider nothing but the Lafayette game. Is it fair to the hundreds of Lehigh athletes who represent her in nine other sports to make nothing of their efforts, their skill and their success? We could beat Lafayette in nine out of ten sports, but if we lost in football we would not "have beaten Lafayette." Our other teams could win every game, but if the football team is poor, then "athletics are on the blink at Lehigh."

Funny world, isn't it? Oh, yes, I've got the football bug as bad as any of you. I don't pretend to be sane on the subject. No one is. But I'm not going to play football till next fall. In the meantime I'm enjoying each successive win our boys are scoring over our ancient enemy.

One of a series of short talks on the Alumni Fund. Some of you have already seen it, but re-reading it will be "painless".



## Painless Extraction!

(If it isn't painless—you don't pay)

You have paid Alumni Dues and Bulletin subscriptions each year in the past and in addition faced drives for other college purposes.

In the future you will be asked to give once only each year, fixing the size of the gift to suit your own convenience.

If the amount of your dues and Bulletin subscription is all you can afford—give that.

If you can give more and desire to do so—all the better.

In any case give what you can afford—not more. Lehigh wants only what you can give painlessly and with a fine warm feeling of pleasure.

She would prefer to have the card which is reproduced below filled out for the minimum rather than the maximum you hope to give.

Be it small or large, Lehigh deserves some place in your budget.

**"A Gift from Every Lehigh Man in our Diamond Jubilee Year"**

### LEHIGH UNIVERSITY ALUMNI FUND

Date.....

I hereby pledge an annual gift to Lehigh University (Alumni Fund) to be paid each year before June first, to be used by the University to meet its annual expenses. From each payment is to be taken my pro-rata share of the expenses of the Alumni Association (including the ALUMNI BULLETIN) and of my class ( ) in order that the work they are doing for Lehigh shall continue unimpaired.

I PLAN TO MAKE THIS YEARLY GIFT \$.....

This pledge is revocable at will on formal notice from me and automatically ceases on my death. The amount noted above is not fixed and can be changed from year to year, should I find it possible to increase or necessary to decrease it.

Signed .....

Address .....

Alumni who are paying on Endowment subscriptions are not expected to do anything this year on the Alumni Fund. But if you have paid nothing on your subscription since last June, try and make a payment now as your gift to Lehigh during her Diamond Jubilee Year.

Another of the brief illustrated lectures on the Alumni Fund.



## No More Campaigns!

The Alumni Fund will replace campaigns.

Support will be based on wide-awake appreciation of what Lehigh is doing instead of being secured by hypnotic suggestion.

You are asked to make a gift and **one only** to Lehigh each year.

No appeals for anything else. The slate wiped clean each June. No wall of unpaid obligations between an alumnus and his college.

Instead of spasmodic intensive drives—steady support.

Instead of high-powered literature—letters of thanks.

This is Armistice Day. The Treaty of Peace is reproduced below.  
**NO MORE CAMPAIGNS!**

**“A Gift from Every Lehigh Man in our Diamond Jubilee Year”**

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LEHIGH'S SUPPORTERS  
in her  
DIAMOND JUBILEE YEAR, JUNE, 1925, TO JUNE, 1926  
Payments made up to April 5, 1926

Classes	Total No. of Members with Addresses	No. of Men Who Have Made Endowment Payments This Year	No. of Men Who Have Made Payments to Alumni Fund This Year	Additional Men Who Have Made Payments to the Alumni Assoc. This Year	Total Number of Contributors to Lehigh in Her Diamond Jubilee Year	Per- centage
1925	265	1	41	9	51	19%
1924	264	58	11	28	97	36%
1923	252	39	11	63	113	45%
1922	235	32	13	44	89	38%
1921	196	29	11	46	86	44%
1920	194	28	3	39	70	36%
1919	146	26	5	21	52	36%
1918	143	27	5	19	51	36%
1917	174	23	5	24	52	30%
1916	147	20	4	29	53	36%
1915	127	14	5	22	41	32%
1914	129	27	3	19	49	38%
1913	145	27	3	16	46	32%
1912	133	19	5	15	39	29%
1911	124	23	2	18	43	35%
1910	169	32	1	17	50	30%
1909	138	28	6	17	51	37%
1908	149	19	3	30	52	35%
1907	125	22	4	14	40	32%
1906	121	32	6	13	51	42%
1905	114	15	2	31	48	42%
1904	97	29	4	22	55	57%
1903	91	27	4	18	49	54%
1902	51	11	1	9	21	41%
1901	63	14	2	14	30	47%
1900	62	8	3	8	19	31%
1899	47	7	3	10	20	43%
1898	66	15	1	13	29	44%
1897	76	19	2	15	36	47%
1896	98	18	....	26	44	45%
1895	102	32	5	27	64	63%
1894	69	16	5	13	34	49%
1893	76	14	2	15	31	41%
1892	42	10	3	11	24	57%
1891	44	11	4	10	25	57%
1890	63	14	2	13	29	46%
1889	55	16	2	16	34	62%
1888	57	12	1	13	26	46%
1887	42	11	1	12	24	57%
1886	36	10	....	4	14	36%
1885	21	1	2	8	11	52%
1884	15	5	....	4	9	60%
1883	23	7	2	7	16	70%
1882	6	3	1	....	4	67%
1881	5	1	....	3	4	80%
1880	7	....	....	2	2	29%
1879	5	....	1	1	2	40%
1878	9	2	1	4	7	78%
1877	8	1	....	2	3	36%
1876	10	1	....	1	2	20%
1875	8	....	....	5	5	56%
1874	4	1	2	....	3	75%
1873	3	....	....	1	1	33%
1872	4	....	....	1	1	25%
1871	2	....	....	1	1	50%
1870	2	....	....	....	....	....
1869	1	....	....	....	....	....
	4,860	857	203	843	1,903	39%

# What IS A DEAN and IF SO WHY?

Classification Talk Before the Bethlehem Rotary Club, March 17, 1926,  
by Dean Charles M. McConn of Lehigh

THE SUBJECT of my talk this afternoon can best be expressed perhaps in a question, or rather two questions:

What is a dean? And if so, why?

In most "classification talks" it is unnecessary, I suppose, for the speaker to explain what his business or profession means. If a lawyer, for example, gives such a talk, he does not have to tell you what a lawyer is. You may or may not approve of what a lawyer is, but you know what he is. The job of a dean, however, is much less well-defined and well-known. So I will try first of all to tell you what a dean is and does.

That reminds me of a story. It is not a particularly amusing story, but it does apply at this point. It is told of Dean Holgate, of the Northwestern University Law School in Chicago. At a certain legal banquet in that city Dean Holgate was sitting next to a country lawyer from Down-State, who had read law in an office and had never seen the inside of a college or university. Between courses this country lawyer nudged Dean Holgate and said, "By the way, Mr. Holgate, I notice they call you *Dean* Holgate. Would you mind telling me just what a dean is?" Holgate thought a moment and answered, "Yes, I'll tell you. A dean is the man who does the jobs the office boy won't do."

That pretty well covers it. The dean is a sort of all-around trouble-shooter about a university. Of course he is not the big trouble-shooter—not the shooter, that is, of the biggest troubles. In a university, just as in a bank or any other firm or corporation, the big trouble-shooter is necessarily the president. The president is the man to whom the really scrumptious rows and all the most disputed questions of policy and action must go. But about a university there is a host of petty troubles constantly arising, and for most of these the dean is the goat.

To be more specific. The dean handles the admission of students to the University and the refusal of admission to those not fully qualified according to the rules. You can see for yourselves that he has a peck of troubles on his hands right there. The dean's office keeps the official records of students' grades and credits and does the follow-up work on those records—admonishes the men who are doing poor work, and compiles the lists of those who are to be promoted and eventually graduated and those who are to be dismissed for poor scholarship. The dean keeps the general records of attendance at classes

and tries to discourage students from "cutting" too freely. He keeps some kind of track of the multiform "student activities", so called—athletic, fraternal, social, dramatic, musical, and the like—and makes some feeble effort to keep these "activities" from running away with the institution altogether. He is also the officer in charge of cases of discipline—cases of cheating and other moral offenses for which some punishment has to be imposed. And, finally, he must handle a nondescript miscellany of correspondence and calls of various kinds which go to him as the general chore-boy and man-of-all-work about the place. A couple of weeks ago, for example, a fond mother dispatched her son's package of clean laundry in care of the Dean—and he saw that the freshman got his collars and shirts; we can't act, in general, as a forwarding office for laundry, but we'll handle almost anything once.

And so on, and so on, and so on. I think you will agree that Dean Holgate was right. The dean is occupied continually with jobs which no self-respecting office boy would look at.

So much for a sort of answer to my first question as to what a dean is. But the second question, If so, why? is much more important and interesting.

Why is it that all the colleges and universities nowadays are afflicted with such a mass of petty troubles, so that they have to employ an officer on full time—and putting in a lot of overtime too, I can tell you—to keep straightening them out?

For it was not always so. As some of you may know, until I came here two and a half years ago, Lehigh University had never had a dean in the sense here described. Lehigh was a little late as compared with most other universities in employing such an officer. But it is only within the last generation that these positions of dean have been created elsewhere. Before that time—thirty, forty, fifty years ago—they did not have deans in this sense in any of the colleges. They did not need deans. Those were happy days! And the time may come again when so many of the present difficulties will have been got rid of that deans will no longer be needed and will be abolished. Those will be happy days. For the present, however, there has to be some such office to cope with a host of more or less novel troubles.

What is the source of these numerous rather recent difficulties, which make the dean the necessary evil that he is?

The fact is, gentlemen, that within the last forty or fifty years, a great disaster, a



dire calamity, has befallen the colleges and universities of the United States:

*They have become popular.*

No greater misfortune could have happened to them from the standpoint of the fundamental ideals, the real purposes of such institutions.

Consider the situation in the old days. At that time—a couple of generations ago in the Middle West, somewhat longer perhaps here in the East—it was by no means the regular thing, much less the fashionable thing, for every boy to go to college. Quite the contrary. The regular, one-hundred per cent, red-blooded American youngster of those days, when he had finished with the Little Red Schoolhouse and the Three R's, went to work, like a man, on the farm or in business or at a trade. And very well off he was.

Scattered over the country, to be sure, one or two in a community, were a few lads with a special taste for books—an unusual knack and itch for reading and studies—so strong an itch for such things that they wanted to go on with them in spite of the open ridicule or tacit disapproval of a considerable part of the social group in which they lived. Such lads would aspire to become ministers or doctors or college professors or possibly writers—or something else queer and ridiculous like that. And so they would prepare for college, usually by studying Latin and Greek and a little mathematics with the minister or the local schoolmaster. And then they went on to some college.

There was no trouble about the admissions of those lads to college. They were already highly selected for college by the very fact that they had more or less to defy the conventions, codes, and public opinion of their fellows in going. And the professors didn't have much trouble making them go to classes or making them study. Those lads were there because they actually *liked* classes and *wanted* to study! They didn't think up a mass—or mess—of nonscholastic “activities” with which to

enliven their boredom during their four years. Their “activities” were with their books. And so on. You can see for yourself what a lovely time professors must have had in those days, and also that a dean would have been as superfluous as a fifth wheel would be on your motor car.

But times changed, economic and social conditions changed, and for various reasons—which I should like to discuss, but they would lead us too far afield—it has now become “the correct thing” for practically every boy to go to college, provided, of course, he can be prodded or dragged through some preparatory school, and provided dad can put up a thousand dollars a year for four years to keep him there. The change came slowly at first, but latterly, within the last fifteen or twenty years, with an overwhelming rush. And so we have the present day of swollen enrollments, enrollments that are simply enormous compared with the student bodies of fifty years ago.

Let me not paint the picture too black. Our present huge classes include many students of the old time student type which I have described. Indeed many more such students come to college now than were able to come in the old days, and this is a great gain. Those students go to their classes, do their work, get their stuff, and graduate with honors, or at any rate with credit. They make no trouble whatever, and it may frequently happen that the Dean will make his first real acquaintance with such students' names when he is compiling the honor list for Commencement.

But all our colleges and universities nowadays have a considerable number of students who simply have no business in college, who have no real aptitude for any subject of study under heaven, whose genuine intellectual interests are confined to athletics, movies, and girls. Why do these men come to college? For all kinds of reasons. Some, of course, for athletics; some to get into a fraternity; many in order to postpone as long as possible the disagreeable necessity of taking a job; and



Ask any of these men who will have the best reunion on June 12.

not a few for no other reason in the world except that all the other fellows in their set are going to college and that Dad and Mother like to tell the neighbors that Johnnie is at Princeton, or Pennsylvania, or Swarthmore, or Lehigh.

You may not unnaturally ask at this point why these men are admitted to college at all if the college authorities believe that they have no business there.

The question is a fair one, and the only candid answer necessarily involves a plea of incompetence. This problem of selecting the really fit candidates for admission from a very large number of applicants is a new one, as I have pointed out, and a very complicated one, and we have simply not worked out as yet the technique necessary to handle it correctly and efficiently. All sorts of difficult questions are involved: the question of fundamental brains to begin with, of intellectual interest, of health and character, to say nothing of adequate preparation in a number of different fundamental subjects supposed to have been mastered in the high school or prep. school. We college officers are working hard at the problem of evaluating and weighing these various factors. We are inventing new devices and trying them out, and we are making some progress. But it will be some years yet before we shall solve it satisfactorily. You business men, who are the heads of large organizations, ought to sympathize with us in these troubles, for you, too, have your unsolved personnel problems or else you would not have the labor turnover which you do have.

In the meantime, what are we to do with these misfit students? Well, of course, we try to do the best we can with them and for them. We try to make real students of them—to make them go to classes, to coerce and cajole them into studying. We try to teach them how to study, and to show them the great value of studies. In a fair number of cases we succeed, at least partially; that is to say, we make a man who has little natural inclination for study into a passable student, so that he is able to stick

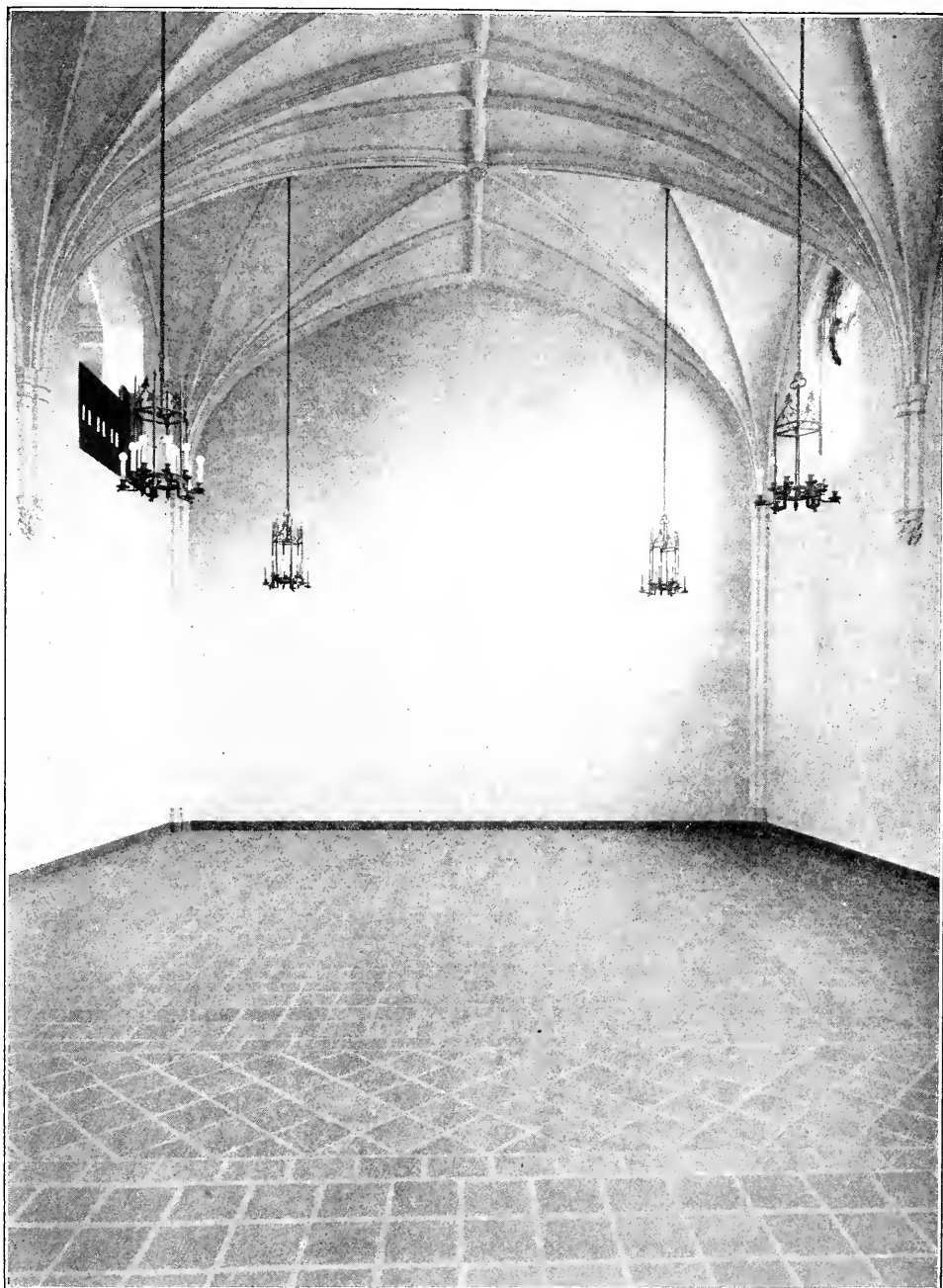
for four years, or sometimes five years, and eventually to graduate. In a good many cases, however, we fail for the reason that the material is simply impossible. In these cases it becomes necessary eventually to send the student away, for his own good primarily and for the good of the institution as well.

I believe the time will come when the colleges and universities will have solved their problem of selection a great deal better than at present. When that time comes, most of these petty troubles with which they are now afflicted will vanish, and all the deans can be led out and shot, and everybody will be happy.

I hope I have now answered more or less the two questions which I proposed at the beginning. In closing I wish to make a brief appeal to the Rotarians present, as representative citizens, for some cooperation with the officers of Lehigh University in the difficulties which I have attempted to describe—a cooperation primarily of sympathetic understanding; occasionally also a cooperation in the way of suspending judgment at least on individual cases of trouble which may come to their personal attention. It is a common experience of university officers that any student who has been refused admission to college or sent away from college has only to tell his story to almost any citizen outside and have that citizen jump instantly to the conclusion that the college officers concerned are unjust and brutal tyrants who delight in blighting the lives of young men and grow fat on the tears of mothers. The fact of the matter is that at the present time college officers, being conscious of the defects of their methods and technique, err constantly on the side of weakness and tardiness in handling all such cases. It would be very helpful to Lehigh University if leading citizens of Bethlehem could appreciate that fact and bear it in mind to the extent of suspending judgment in cases of alleged academic rigor or injustice until they have heard the University's side of the story.



'96 will have to step to beat this reunion of five years ago.



On this wall, in Alumni Memorial Hall, will be placed the bronze tablet "to those who served and those who died," which will be unveiled on Alumni Day.

**Minutes of the Meeting of the Board of Directors of the Alumni Association  
of Lehigh University, Inc., Held at the Bethlehem Club  
at Seven P. M. on March 26, 1926**

The meeting was called to order by President Veeder, '86. The other members present were C. W. Hudson, '89; Aubrey Weymouth, '94; W. R. Okeson, '95; Cadwallader Evans, '01; S. P. Felix, '03; J. S. Long, '14, and A. E. Buchanan, Jr., '18. Dr. C. R. Richards, President of the University, was present as an invited guest.

The first business brought before the meeting was a statement of the Association's finances, which indicated that the handling of the work in connection with the Endowment Campaign was handicapping the Association greatly in its financing. Not only did it make it impossible for the Association to press for collection of its own little bills against members, but it required a heavy expenditure of the time and money of the Association. The Executive Secretary asked that one of two things be done. Either relieve the Association of this work, which it has no resources to finance, or else make provision for financing it.

The consensus of opinion was that for the present at least the Alumni Association should continue to foster and collect the Alumni Fund, but that it should not be asked to finance the promotion of it. The following resolution was unanimously passed:

WHEREAS, The Alumni Association has concentrated its efforts during the past few years upon the collection of funds for the University and has in consequence been forced to neglect the collection of funds for its own support, it is

*Resolved*, That the Association be relieved of all expense in connection with the promotion and collection of the Alumni Fund; that this fund be carried by the

Treasurer of the Association as a separate account; that the expenses in connection with raising the fund as approved by the Board of Directors be met by the Treasurer from the fund; that the balance be disbursed by the Treasurer as authorized by the Board of Directors in accordance with the terms of the pledges.

There was little discussion on the subject of an organization for raising money outside the Lehigh Family as it was felt that no decision in this matter could be reached until after the vote by the members of the Association was tabulated.

A decision was reached to change the ALUMNI BULLETIN by increasing the type size of the page from  $5\frac{1}{2}$ " x 8" to 7" x 10", thus enabling it to cooperate with other alumni magazines in securing national advertising. An increase in the number of issues from 9 yearly to 10 was authorized.

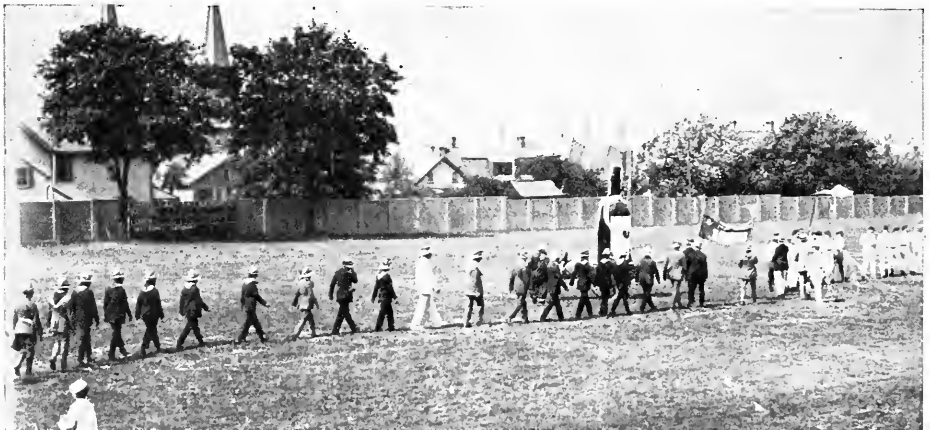
A discussion of a winter Alumni gathering at the University to view the college while in active session and get more closely in touch with its workings followed. It was decided to set aside Washington's Birthday for such a gathering and create a committee to arrange a program for the returning alumni.

A discussion of Alumni Club Scholarships followed, and it was the expressed opinion that such scholarships should be under the jurisdiction of the University and be awarded by the University on the same terms as may be set up to govern University scholarships.

The meeting adjourned *sine die*.

Respectfully submitted,

W. R. OKESON,  
*Executive Secretary.*



\*16 looked like a bunch of Hicks in 1921. June 12 will show whether they've been urbanized in these five years.

## COLLEGE AND ALUMNI NEWS

### Wrestling Team Takes Second Place in Intercollegiates

Reed and Best win Individual Titles in 125- and 135-lb. Classes

Two individual championships, second place in the team honors and two second place winners was the sum total of accomplishments by the Lehigh wrestling team at the Intercollegiate championship meet at Penn State, March 19 and 20. Cornell won the team honors with a total of 22 points, Lehigh following with 15, Penn State, 14; Yale, 12; Princeton, 7; Penn, 6; Syracuse, 4; and Columbia, 1. Lehigh, Cornell and Yale each had two champions and Princeton, one.

Jimmy Reed, Captain Ralph Best and Dick Lewis worked their way through to the finals with the first two winning in comparatively easy fashion. Lewis and Chakin, of Cornell, staged the most spectacular bout of the meet in the 135-lb. final with the advantage alternating so rapidly in the first 11 minutes that the referee and timekeepers had a real job on their hands. At the end of 11 minutes Chakin secured a body hold and he was able to pile up a time advantage sufficient to win.

The work of Reed was the most convincing of the meet and he was the only title winner who was never in a defensive position in any of the bouts. His work against Loeb, of Cornell, in the final left no room for doubt as to which was the better man. In the dual meet on the Lehigh mat Loeb won a decision over Reed but he was fortunate to avoid being thrown during the 11 minutes and 6 seconds he was underneath the Lehigh man in the final. Captain Best won the 125-lb. title for the second successive year despite the fact that there were more experienced wrestlers in this division than in any other. Wallace Liggett, of Penn State, met Best in the final, but the result was never in doubt once they went to the mat. Liggett appeared anxious to carry the bout into extra periods and he refused to mix it up with the Lehigh captain for the first 10 minutes, but Best's aggressiveness finally told and his favorite wrist lock and half nelson ended his collegiate wrestling career with a fall in 13 minutes and 42 seconds.

Tubby Miller and Dick Lewis were the second place winners. Lewis won rather easily from Lillienfeld, of Penn, despite his gruelling battle with Chakin in the final, and Miller, who is wrestling his first year on the varsity, created a surprise when he defeated Captain Aulick, of Columbia, for the runner-up honors after disposing of Strohm, Pennsylvania's 235-lb. entry in a preliminary bout. In the first round he defeated Garrison, of Penn State,

reversing a decision in favor of the former when they clashed last year as freshmen. In the semi-final he lost a decision to the Cornell veteran, Captain Affeld, after a spirited bout.

Three members of the Lehigh team took part in their last collegiate bouts during the championships, but with Captain-elect Reed, Dick Lewis, Bill Heilman and Tubby Miller, will be available next year, together with several clever candidates at all weights from the frosh team and the scrubs, prospects for a strong team next year are exceedingly bright.

Jimmy Reed was unanimously chosen captain of the team for next year on the trip home from Penn State. He is a Bethlehem boy, extremely popular in college and town. He is a member of the soccer team.

The squad was banqueted by Mr. R. A. Lewis, of the Bethlehem Steel Co., after the season closed, at which time the Lewis Cup, annually awarded to the most promising freshman wrestler, was awarded to Andy Lehr, who is expected to shine in the 175-lb. class next season.

### Lacrosse Team Opens Season With Princeton

From an exceptionally large squad of ninety men, Coach Bill O'Neill has picked a promising varsity, which will open the season on April 10 with Princeton. Among the veterans who form the nucleus of Lehigh's 1926 stick artists are Captain Robinson, Schwimmer, Packenham, Stevens, Raleigh and Law. Others on the squad are no strangers to the game. About 30 Freshmen reported for practice. Obviously there is no waning of interest in this sport.

Schedule		Opp. L.U.
April	10—Princeton .....	3 3
"	17—Rutgers .....	Home
"	24—Navy .....	Away
"	28—Lafayette .....	Home
May	1—Stevens .....	Away
"	8—Swarthmore .....	Home
"	15—Maryland .....	Home
"	22—University of Penna.....	Home
H. W. Robinson, Captain.		
G. D. Godshalk, Manager.		
W. T. O'Neill, Coach.		

### WENDELL CONDUCTING SPRING PRACTICE

Coach Percy Wendell called for football candidates immediately after Easter vacation, and a good sized squad is drilling in the fundamentals each afternoon. Wendell is handling the work without any assistants this year.

## New Athletic Cups Presented by the Dravos

In line with Lehigh's policy of athletics for every student, inter-class sports are being developed this spring as never before. A great variety of teams have been organized to represent various groups, with the result that practically every undergraduate is participating in some athletic competition. The Department of Physical Education has stimulated this activity by the organization of tournaments and the award of medals to winners of various track and field events.

The latest stimulus to inter-class athletics has just come from those two ardent champions of Lehigh athletics, Ralph and Frank Dravo, who have presented two handsome cups to be competed for by class lacrosse teams and class swimming teams. Contests for these cups will be held every year, the numerals of the winning class to be engraved on the cups, which will be displayed in the Trophy Room of Taylor Gym. "Bosey" Reiter, who is devoting a great deal of effort to the extension of the intra-mural sport idea, is very much pleased by this action of the Dravos, declaring that such trophies supply just the incentive needed to enlist the full interest of the undergraduates and predicting that class contests for the Dravo cups will come to be traditional and hotly contested.

The new cups will be on display in the trophy room on Alumni Day.

## Ball Team Has Disappointing Southern Trip

The 1926 baseball season of the Brown and White nine did not start off in a very auspicious manner on the trip through Dixie which took place during the Easter holidays. Of the five games scheduled, only three were staged because of Jupe Pluvius' interference with the other two. The opener was to be with Tom Keady's Quantic Marines on the latter's diamond, but rain prevented this contest. So it was Princeton that inflicted the first damage to Lehigh with a 10 to 4 score, in a game played on Friday afternoon on Georgetown's field. The next afternoon found the team at High Point, North Carolina, with the University of North Carolina furnishing the opposition. After a hectic struggle, the home team triumphed with an 11-10 score. After a rest on Sunday, the Brown and White nine crossed bats with the University of Virginia nine at Charlottesville and lost a close one to the Southerners by a 4-2 tally. The game scheduled for Tuesday with the University of Richmond was made impossible by a snowstorm.

Back from the Southern jaunt, the Lehigh University baseball nine launched the home season in Taylor Stadium with a 9 to 1 victory over Dickinson College. Two big innings in which six runs were scored

put the game on ice for the Brown and White.

Making their debut, the Coach Johnson charges did not in the least look bad, playing good ball behind the air tight pitching of "Slim" Weston, while Dickinson flivvered badly at times, particularly in the third inning, when Lehigh opened the scoring with three runs with but one safe drive in the inning.

	Schedule	Opp. L.U.
March	31—Marines .....	Rain
April	2—Princeton .....	10 4
"	3—Univ. of N. Carolina..	11 10
"	5—Univ. of Virginia.....	4 2
"	6—Univ. of Maryland.....	Snow
"	10—Dickinson .....	1 9
"	14—Ursinus .....	Home
"	17—Muhlenberg .....	Home
"	24—Rutgers .....	Away
May	1—Villa Nova .....	Home
"	6—Univ. of Penna.....	Away
"	8—Lafayette .....	Away
"	12—Rutgers .....	Home
"	15—Lafayette .....	Home
"	22—Lafayette .....	Away
"	29—Muhlenberg .....	Away
June	12—Open .....	Home

## Swimming Team Places Second to Rutgers in Intercollegiates

By placing second in the Intercollegiates the Lehigh natators closed a fairly successful season. The team was not composed of any stars of remarkable magnitude but was a well-balanced combination. During the season some of the strongest aquatic teams in the East were encountered. Lehigh concluded a difficult schedule with a record of three victories and three defeats.

Walter A. Raleigh, of Baltimore, has been elected captain for next year. Raleigh is also a football half-back, and on the lacrosse team.

### Summary of the Season

Lehigh	34	Lafayette	28
Lehigh	48	Catholic U.	14
Lehigh	22	Army	40
Lehigh	17	Rutgers	42
Lehigh	38	Swarthmore	20
Lehigh	18	Navy	44
Lehigh	177	Opponents	188

## BACH FESTIVAL TO BE HELD MAY 14-15, AT LEHIGH

The annual Bach festival will be held in Packer Memorial Chapel on May 14 and 15. The Philadelphia Orchestra will again accompany the choir. The advance of dates of holding the Festival is due to the fact that many of the foremost musicians of the orchestra can thus remain for the Festival before sailing for Europe for the Summer. Several noted soloists will assist the choir of 300.



## **Lehigh Home Club Elects Officers**

Officers for 1926-7 elected by a recent letter ballot of the Lehigh Home Club, are as follows:

President, M. L. Jacobs, '10; Vice-President, V. J. Pazzetti, '13; Secretary-Treasurer, W. Schrempel, '14; Directors: A. C. Cusick, '23; J. C. Ganey, '20; W. R. Okeson, '95; A. J. Standing, '10; F. V. Larkin, '14; E. W. Keller, '24; G. H. Lazarus, '13; A. A. Tate, '17; F. B. Snyder, '05; J. H. Stoll, '21; J. S. Hocker, '22; R. V. Huebner, '21.

## **Military Night with the Lehigh Club of New York**

The dinner meeting of the Lehigh Club of New York was held at the Machinery Club on Thursday evening, March 18th.

The distinguished guest on this occasion was Hanford MacNider, Acting Secretary of War and Past Commander of the American Legion. In his present capacity Mr. MacNider is engaged in studying and preparing a national industrial mobilization program, the purpose of which is not to anticipate war, but rather to provide that degree of readiness which will, because of its very existence, preclude any possibility of hostile aggression on the part of jealous nations.

The second speaker, Lieut. Walter Hinton, well-known pilot of the Round-the-World flight plane NC-4, gave an interesting account of his famous achievement as well as relating his experience on a free-balloon trip into Canada, and his exploration flight up the Amazon River with the Rice Exposition. Hinton's unusual modesty and delightful sense of humor make him a most pleasing story teller.

The final speaker was Dr. Richards, who elaborated on Mr. MacNider's discussion of the industrial mobilization program, giving additional sidelights on the part of educators and educational institutions in the furtherance of such a plan. Dr. Richards never fails to manifest his far-seeing interest in Lehigh's future and the part she is bound to play in our national life.

Entertainment was furnished by a quartet from the Lehigh Musical Clubs.

## **Lehigh Library Lacks G. E. Review and Poor's Manual**

The Lehigh Library lacks volumes 1 to 18 of the important periodicals *The General Electric Review*, and the volumes for 1915 to date of *Poor's Manual of Railroads*. Librarian Leach suggests that some alumnus might have one or more of these volumes which he might be glad to turn over to the Library, where they will be extremely useful and much appreciated.

## **Alumni Secretaries and Editors to Meet at Ohio State**

The annual conference of the Association of Alumni Secretaries and Alumni Magazines, Associated, which was held at Lehigh last Spring, will convene at Ohio State, Columbus, April 15-17. Lehigh will of course be represented.

It is of interest to note that the Association of Alumni Secretaries was first organized at Ohio State University on February 22, 1913, with 23 delegates in attendance.

The Columbus conference this year probably will attract delegates from approximately 100 colleges and universities, judging from the attendance at other conventions of the Association within recent years and based upon inquiries and acceptances thus far received.

Among speakers who have definitely accepted invitations to appear on the program are:

Dr. Clarence Cook Little, president of the University of Michigan.

Dr. Harry A. Garfield, president of Williams College.

Professor W. J. Newlin of Amherst College who recently completed a study of the alumni relationship with colleges and universities for the American Association of University Professors, which we hope to reproduce in a later issue of the *BULLETIN*.

These speakers will contribute a point of view that has not been adequately stressed in former discussions of alumni work—the point of view of those most concerned with the effectiveness and results of organized alumni work, namely the college administrators and teachers.

A special feature of this year's program will be a "Magazine Clinic" in which two alumni magazine editors will prepare anonymous analyses of the principal alumni magazines—"naming names" and pointing out the good and bad points of the various publications by way of example and help for all. The two papers will be read by a third editor who will not know or reveal their authorship—to be followed by open discussion of the points raised.

The right relationship of alumni to athletics in these days of huge stadia, "professionalism" and kindred circumstances will be threshed out at a dinner, complimentary to the delegates, at which prominent football authorities will offer their various viewpoints. This symposium has been arranged by Walter R. Okeson, of Lehigh, who is President of Alumni Magazines Associated.

## **President Richards Honored**

President Charles R. Richards has recently been appointed a member of the Committee of One Hundred on Scientific Research by the American Association for the Advancement of Science. He will serve as the engineering representative on the sub-committee on "Research in the Educational Institutions."

## HATS OFF TO THEM!

**I**N THE FIRST PLACE, they smeared Lafayette three times straight.

Moreover, they played 15 games, against some of the strongest college teams, and lost only one game, to West Point.

We're proud of their record, but that's not why we give them this page of commendation.

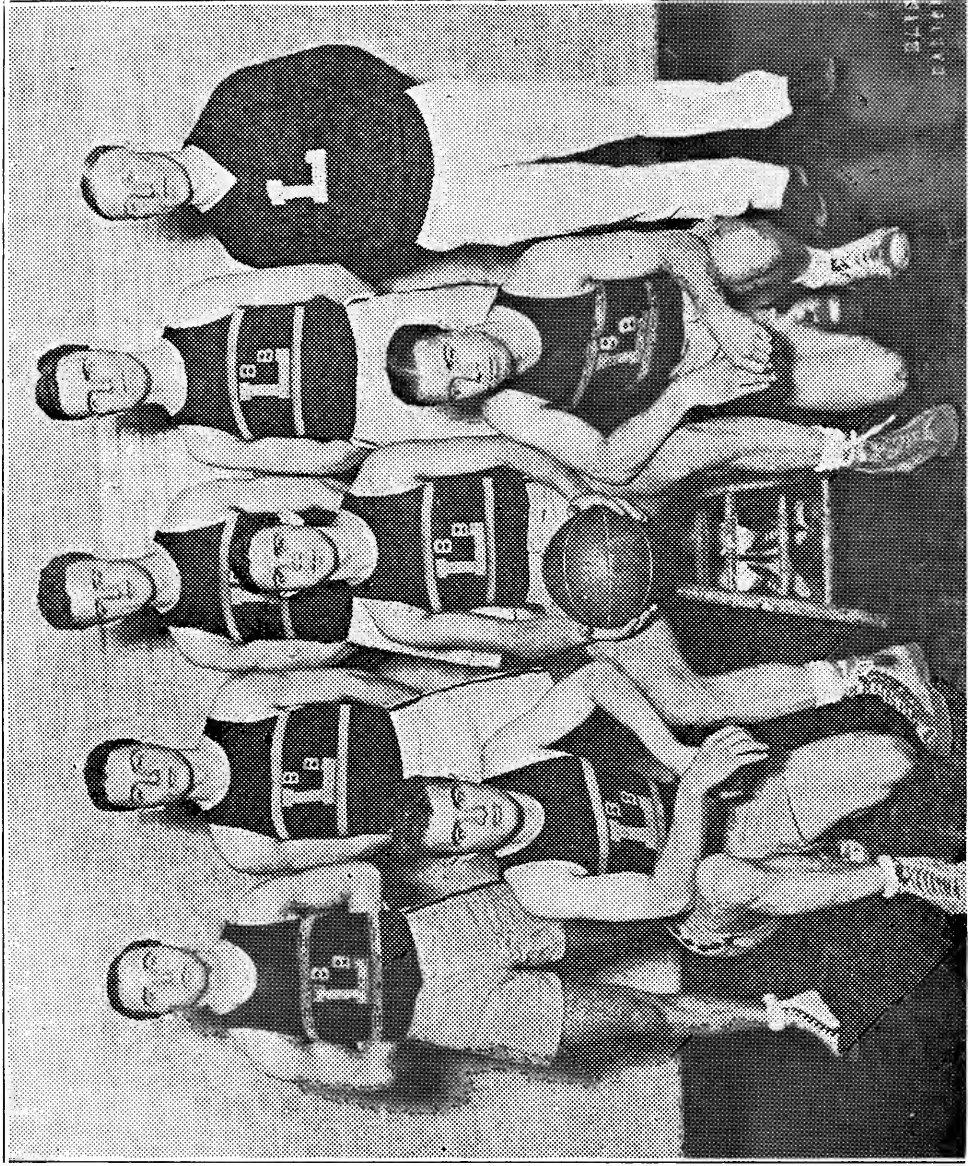
The thing that we fairly gloat over is that *EVERY MAN ON THAT TEAM IS AN HONOR STUDENT!*

Sure they're "crack" athletes, but first and foremost, they're LEHIGH STUDENTS. Sure, basketball takes a lot of their time, but only as much as they can spare from their regular college work.

Captain Benny Weinstein, of Philadelphia, a son of parents of limited means, works his way through Lehigh, captures sophomore honors, wins a prize in languages, and makes Phi Beta Kappa. Stars in basketball for three years, takes up boxing in his spare time, and becomes one of the most popular men in his class, being elected to Sword and Crescent and other undergraduate honors.

The Schaub boys, Carl and Earl, from Freeland, Pa., capture A's and B's with the same quiet facility that they shoot field goals. Earl takes the Wilbur Prize in German in his first year; Carl wins sophomore honors in their second year. Billmeyer, a sophomore from York, is an honor student in his freshman year, and is one of the best middle-distance runners on the track team. Schwarzshtein, from Jersey City, another regular who missed this photo, won freshman honors last year. Smith, of Wakefield, Mass., stands high in his classes, and is another track man,—our best hurdler.

Well may they wear the "L"!



Standing—DERMAN, BILLMEYER, F. SCHAUB, C. L. SMITH, COACH LINGLE.  
Lower Row—C. SCHAUB, CAPTAIN WEINSTEIN, LISTER.



## LEHIGH MEN WHO WRITE

The March issue of the *Scientific American* contained an interesting article on "Our Alaska Railroad," by Noel W. Smith, '93.

Dr. Neil Carothers, Head of Lehigh's College of Business Administration, contributed a feature article to the *New York Times* of March 7, presenting economic arguments for the abolition of the one dollar bill. The author, who is a recognized expert on coinage, points out that there is no real excuse for the existence of the dollar bill, and that the government would save large amounts on the cost of making the notes. If the dollar bill were abolished, the two-dollar note would be the smallest paper unit in our currency, and a great deal more small change would be put in circulation, thereby bringing additional profit to the government by its coinage. Moreover, people would carry more small change, so that the time and expense of making change, which is very considerable in some industries, would be materially reduced.

The Bulletin of the Imperial Institute (London) says about Thomas's *Bacteriology: A Textbook on Fundamentals*:—

"This volume is written to meet the need for a textbook treating of the fundamentals of bacteriology and suitable for use in teaching elementary bacteriology to mixed classes of engineering, chemical and medical students. An introductory chapter is devoted to a consideration of the general conception of life and life's processes. Chapters follow on the history, classification, morphology and physiology of bacteria. The bacteria occurring in water are considered and a rough outline is given of the various methods employed on a large scale for the purification of water for town supply purposes. The bacteriology of sewage and the elimination of bacteria in connection with sewage disposal are dealt with,

and a description is given of the bacteria in the soil and the bacterial processes occurring there. A section on bacteria in foods includes studies of organisms which are used in their preparation; on those which cause spoilage of food products, and on pathogenic organisms which are transmissible through food.

"The work is well written and should fulfil the purpose for which it was intended."

Buck:

I cut this notice out of the February, 1926, Journal of the A. I. E. E. You may want to reproduce it as it stands.

Just as a matter of information, I contributed a letter on the coal situation as affected by Superpower—pages 50, 51 and 52, which makes the book well worth being on the shelf of all student engineers!?

Why don't you fellows up there read the technical and other journals? I'm getting groggy from scanning current literature for Lehigh items!

Best regards,

A. T. WARD, '13.

SUPERPOWER: ITS GENESIS AND FUTURE.

William S. Murray, New York. McGraw-Hill Book Co. 1925. 238 pp., illus., 6 by 9 in. cloth. \$3.00.

In this book Mr. Murray (Lehigh '95) the father of Superpower, tells in an intimate and pleasingly spontaneous way the complete story of Superpower and its possibilities, from the time he first conceived the idea up to its present development, and its future possibilities. It is pointed out that the name, Superpower, has been frequently misunderstood or misrepresented whereas its real meaning is the physical interconnection of all generating plants within certain zones in order to take advantage of diversity economy and thereby greatly reduce reserve equipment and avert interruptions to service from breakdowns. The subject is discussed from a wide variety of aspects and in non-technical language and points out why this movement, already under way, cannot but eventually furnish more adequate and economic means of power and transportation, which are the two essential elements upon which the industry and prosperity of the nation depend.



"On Deck for our First—Watch Us on Our Fifth!"

Was that a threat or a promise boys? Anyway, we'll be watching on June 12.

## LEHIGH MEN IN THE LIMELIGHT

### *Snyder, '85, of the P. R. R.*

The following account of "Curly" Snyder's career appeared in *Railway Age* of Jan. 16, 1926, the occasion being Snyder's promotion to the rank of assistant chief engineer:

"George W. Snyder, who has been promoted to assistant chief engineer in charge of maintenance of the Pennsylvania, was born on January 9, 1866, at Pottsville, Pa., and was educated at Lehigh University. He entered railway service on November 1, 1884, as a rodman on the Renovo division of the Pennsylvania. From January 1, 1886, to August 1, 1890, he was assistant supervisor of the same division, and from August 1, 1890, to June 10, 1897, was supervisor. On the latter date he became supervisor of the Baltimore division, and on July 1, 1900, became supervisor of the Altoona yard. From January 1, 1901, to June 1, 1903, he was division engineer of the Monongahela division, and from that date until April 1, 1907, was division engineer of the Pittsburgh division. At that time he became principal assistant engineer of the western Pennsylvania division at Pittsburgh, Pa., which position he held until October 25, 1917, when he became assistant engineer maintenance of way, Eastern lines, of the Pennsylvania. On March 1, 1919, he became general storekeeper of the Eastern region of the same road, and in February, 1924, was appointed assistant to the store's manager, which position he was holding at the time of his recent promotion to assistant chief engineer in charge of maintenance."

### *Lehigh Shines at A.I.M.E. Meeting*

The February meeting of the A. I. M. E. in New York was strongly flavored with Lehigh talent. Among the papers presented was one on Moulding Sands, by R. M. Bird, '02, another on Magnesium Base Alloys, by Prof. Bradley Stoughton, head of the Metallurgy Department at Lehigh, and one on the Microscopical Structure of Copper, by H. B. Pulsifer, formerly of the Lehigh faculty.

A glance through the program of the meeting reveals the name of A. T. Ward, '13, on several important committees, including the one in charge of the smoker held on February 15 at Mecca Temple. Possibly that accounts for the exceptionally large Lehigh delegation at the smoker, including "Bill" Colling, '12, who led the Lehigh songs and yells, and the following: Profs. B. L. Miller, Bradley Stoughton, G. A. Roush, Allison Butts; also Messrs. Horner, '99; Pyne, '06; Lawall, '14; Callen, '14; Dick, '95; de Courcy Brown, '07; Burchard, '00; Callow, '25; Dawson, '11; Wright, '13; DuTot, '13; W. C. Smith, '06; Nagel, '08; Priestley, '08.

### *Price, '11, Has Big Job*

John Moir Price, '11, recently elected President of the Electro Metallurgical Sales Corporation, a subsidiary of the Union Carbide and Carbon Corporation, is featured in a recent issue of their house organ. Upon completion of his course at Lehigh, he was employed by the Bethlehem Steel Company, and after a few years in various departments of their plant became Sales Manager of this Company in the Chicago and St. Louis Offices. In 1917, he was commissioned in the United States Army as a Captain.

On April 1, 1919, he was employed by the Electro Metallurgical Sales Corporation as a sales engineer. He later became Sales Manager for this concern, and also for the Electrode Sales Division of the National Carbon Company. On February 6, 1922, Price was elected Vice-President of the Electro Metallurgical Sales Corporation and also retained his appointment as Sales Manager of the Electrode Sales Division of the National Carbon Company, which position he still holds.

On October 22, 1925, Price was elected President of the Electro Metallurgical Sales Corporation.

### *Edmonds, '04, Helping Jap Students*

Harry E. Edmonds, '04, Director of International House, was prominently mentioned in a recent issue of the *New York Times*, in connection with the announcement of the first Oriental scholarship ever offered to American students. The money for the scholarship was raised by Japanese students by staging their native dramas at International House.

### *Beck, '20, and Dad*

"Bill" Beck, '20, is featured with his dad in the leading article of *Sanitary and Heating Engineering* for June 12, 1925—and it's a darn good story. Tells how Bill Senior spent 25 years establishing a good plumbing and heating business and a fine reputation, and then when Bill Junior graduates, he goes into business with Dad and doubles the business in four years. Englewood, N. J., is where the Beck establishment is located. Good, honest, continuous service and the Lehigh pep is the combination that is building a tidy business for them. Article describes novel sales campaigns and advertising stunts to sell stoves. Any Lehigh man would recognize fundamentals of M.E. course, dramatized for public consumption in advertising. Big success; rich returns. Good stuff, Bill. More power to you and Dad.

**Barba, '01, Chief M. E.**

The following article is reprinted from *Railway Age* of January 30, 1926.

"Charles E. Barba, who has been appointed mechanical engineer of the Boston & Maine Railroad, with headquarters at North Station, Boston, was born on May 12, 1877, in Freemansburg, Pa., and was graduated from Lehigh University in 1901. From July, 1901, to July, 1902, he was a draftsman in the Ordnance Department at Washington, D. C. He entered the service of the Pennsylvania in July, 1902, in the motive power department at Altoona, and until February, 1915, was consecutively draftsman, assistant chief draftsman and assistant engineer. He resigned in 1915 to join the Midvale Steel Company at Philadelphia. He was with this company from February, 1915, to November, 1917, first in the production office, then as foreman, and later as superintendent of a machine shop. He left this company in 1917, to take up war-time work at the Watertown Arsenal, and from 1917 to 1922 he served successively as superintendent of the mobile carriage shop and superintendent of the sea coast department at the arsenal. In 1922 Mr. Barba became superintendent of the Osgood-Bradley Car Company at Worcester, Mass., which position he was holding at the time of his recent appointment as mechanical engineer of the Boston & Maine."

**Stillwell, '85, Heads Engineering Foundation**

Re-election of Lewis Buckley Stillwell, '85, as Chairman of the Engineering Foundation, research agency of the national societies of civil, mining, mechanical and electrical engineers, was announced recently following the annual meeting of the Foundation.

Stillwell, a New York engineer whose home is at Lakewood, N. J., is Past President of the American Institute of Electrical Engineers and the American Institute of Consulting Engineers. Wesleyan University bestowed upon him the degree of Doctor of Science in '07 and Lehigh followed suit in 1914.

**Raeder, '76, is Some Orator**

Col. Billy's address to the Elks of Shamokin on December 6 was reprinted in full in the *Shamokin Dispatch*, and it certainly deserved the space. A tribute to those members of the Order who gave their lives for the country, it is soul-stirring and inspiring even in the unemotional printer's ink.

**Bowie, '95, on Earthquakes**

William Bowie, '95, delivered a lecture entitled, "The Cause and Prediction of Earthquakes," before the Brooklyn Institute of Arts and Sciences on December 19.

**C. O. Mailloux, Hon. '14, Delegate**

Prominent American and European engineers and scientists are attending the ten-day convention of the International Electrotechnical Commission which began at the Engineering Societies Building, New York, on April 13. Representatives of a score of nations are attending the convention, which will try to formulate an international agreement for the measurement of water power and the standardization of water-power data. Dr. C. O. Mailloux, Sc.D., '14, is one of the American delegates named by the U. S. National Committee.

**Ledoux, '87, Watching Water Supply**

The Philadelphia *Inquirer* of March 21, features a report by John W. Ledoux, '87, warning the public of Germantown, Chestnut Hill and northwestern Philadelphia of the inadequacy of their water supply equipment and the possibility of a water famine unless new pumping equipment is installed. Ledoux' report was at variance with that of the Chief of the Water Bureau, who reported conditions as satisfactory.

**Crichton Brothers in the News**

The Crichton brothers, Harry, '15, and Kyle, '17, may not agree as to politics, but both are attracting notice in their chosen fields. Kyle is a staunch Democrat, and directed the last Democratic campaign in New Mexico, while Harry is running for Congress on the G. O. P. ticket in Cambria County, Pa. His basketball and football record at Lehigh is cited in campaign literature as proof of his "fighting and good sporting qualities." Kyle was recently named director of the New Mexico Bureau of Publicity, which will attempt to put New Mexico on the map by advertising its resources and encouraging investors to locate there. He is continuing his fiction writing, with considerable success, one of his stories in *Scribners'* having been classed by Edward O'Brien as one of the best of 1925.

**M. L. Cooke, '95, "Dares to be Human"**

"An Engineer Who Dares to be Human" is the title of an article in *March Everybody's* featuring Morris Llewellyn Cooke, '95. It gives an interesting account of his career as Director of Public Works in Philadelphia, emphasizing his knowledge of human nature and his gift for expressing himself in forceful English.

**Finnie, '08, Going Up**

The *Timken Magazine* recently featured Haldeman Finnie, '08, who is General Manager of the Timken-Detroit Co., in a cleverly written biographical sketch which brings out his rapid progress with the company. Galbraith spotted Finnie's picture and sent in the clipping, so we owe thanks to Gal and congratulations to Finnie.

## "SAUERKRAUT AND KINKS"

*"The time has come, the walrus said,  
To talk of many things,  
Of shoes—and ships—and sealing wax—  
Of cabbages and kings."*

### This is the Kind that Keeps Me from Going Cuckoo

New York, April 2, 1926.

Dear Okie:

This is Good Friday and finding myself in a generous mood enclose a check covering the balance due on my Endowment subscription—You see, "the better the day the better the deed"—and I find myself 100 percent, paid up—but only temporarily, for I shall send you an occasional check, in direct proportion to my prosperity.

Sorry you missed our last Lehigh Club meeting—it was a good one but lacked your welcome presence and word of cheer. You know, Okie, at Lehigh affairs you're as essential as a cuckoo to a cuckoo-clock.

Don't fail us next time.

Faithfully,  
GORDON K. BISHOP.

### Rather Have You than the Car Fare

March 30, 1926.

Dear Okey:

The ALUMNI BULLETIN came yesterday, and I have just finished reading your "Confession." In my undergraduate days, I always had a rosy picture of you making one round of banquets from January 1 to December 31, giving some peppy talks on what "that team" is going to do on the Saturday before Thanksgiving. Since becoming an alumnus, I have seen what a man's job you have.

I wish I could match dollars contributed, as Messrs. Wilbur and Sayre did in the late nineties; but since I am still in school, I have to be satisfied to enclose the small bit that I am sending on my pledge. Some day I hope to make it bigger.

I am going to try to be on hand for Alumni Day, but if I can't, I'll send you the money that I will save in railroad fare.

Anyhow, I am glad we have a Secretary who can make a Confession like that one of yours.

Faithfully yours,  
GEORGE L. GRAMBS, '24.

### Dodson, '00, Thinks Our Pocket Books Deserve a Rest

March 20, 1926.

Dear Okey:

I have read your confession. I think it is very good and that you are right in your conclusion that the Alumni Association must discontinue being largely a money raising organization. In fact, I rather incline to the feeling that we ought to give our Alumni a rest financially for the next few years, at least those that have incomes below a certain amount—say \$25,000.00 a year or perhaps a lesser minimum. In other words, only tackle men who can actually afford to give away money.

Although I have not talked to a great many of the Alumni about it, I have talked to enough to be sure that there are a great many who feel that their loyalty has been appealed to too much on a commercial basis, and it is difficult for them, separated from the activities of the University as they are, to appreciate the worth while work that is being done.

I think the letters which you will no doubt receive will be very worth while and the discussion which will take place at the meeting next Friday.

Sincerely yours,  
ALAN C. DODSON.

### Our Confession Rings True to Rev. Houghton, '14

March 31, 1926.

My dear Okey:

That was a wonderful confession which you made in the current issue of the BULLETIN. In me you find a very sympathetic reader, and one who agrees thoroughly with the points you make. One of my parish organizations which ten years ago was animated by a wonderful spirit, full of enthusiasm, constant in its attendance, etc., spending its time in securing new members both for the organization and the parish, and a strong factor in the financial support of the parish, through its voluntary contributions which were the natural outcome because of its esprit de corps; through source of circumstances was turned into a money-making machine. Six years of this has been the death of that which made it so wonderful in the beginning. The ardent enthusiasm has now degenerated into a duty performed under considerable urging on the part of the responsible officers.

My problem, therefore, has been identical with yours, in a much less degree of course, and I greatly re-echo your confession with its conclusion.

Always sincerely yours,  
F. P. HOUGHTON, '14.

### Alumni are Lehigh's Only Debtors, Says Veeder, '86

March 19, 1926.

Dear Okeson:

I have read over carefully your "Confession". The trouble with the article is that it is a very evident refutation of your confession that you lack the requisites of a successful beggar.

I quite agree with you that the Alumni Association should not degenerate into an exclusively money-raising organization and that better results could be obtained by the cooperation of the various departments, which have an interest in the success of Lehigh. I should hesitate to place any of the burden of raising money on the faculty. I think that the Alumni Association must continue, for the present at least, to regard money-raising as its most important function. The University cannot be self-supporting and the Alumni are really the only individuals who are indebted to Lehigh.

Yours sincerely,  
CURTIS H. VEEDER.

### Bickley, '18, Supplies Food for Thought

Dear Buck:

Here is something I have had on my mind for quite some time—a crack at the ALUMNI BULLETIN. I don't know when you go to press but I'll bet a cookie that none of the material is even on paper 24 hours before it is due at the printers. (Oh Bick! you've been peeping!) Can't you jazz up the Alumni notes a bit? They seem rather dead. A little more detail would help out.

### When is a Confession not a Confession?

April 1, 1926.

Dead Okie:

That confession of yours on page 6 of the March 26 BULLETIN is the greatest appeal you ever wrote for Lehigh, though you may not have believed it when you wrote it.

No matter how you rearrange the collection system I assure you that I always want your personal "Go to Hell" as it makes me realize how much both you and I love Lehigh.

Enclosed is my pledge check. You'll get more in the fall (from me).

CHESTER W. KINGSLEY, '17.

I don't know anything about the production, mailing, or overhead costs of the various L. U. publications but it seems to me some sort of a "club plan" idea might be set up whereby the BULLETIN, *Brown and White* and the *Burr* could be served under one charge. No, don't say cheap skate. Remember Hank Ford's curve on price and demand?

Now I know darn well I wouldn't pay any \$3 for the B. and W. or Burr but I would gladly plunk up my \$2 for the BULLETIN. Devise a way to get all three for a slightly higher price. It would be well worth it to ship at cost. Think of the added appeal. Another thing. It may seem like kid stuff but I never throw any Lehigh dope away. I always lose it on a train or trolley car. Some one may pick it up. That means one more person knows about Lehigh. Now figure 2000 copies of the B. and W. being dropped in public places. One-tenth will be noted by someone else. (200) One-tenth of the "notees" will be intelligent enough to know what it's about (20). Thus 40 people every week will at least have seen the word Lehigh in some other connection than Railroad, Cement, Coal or Woolen Mills.

Regards to everybody,

F. W. BICKLEY, '18.

### Roaring Factories of Learning vs. The Small College

Ludington, Mich.  
Feb. 16, 1926.

Dear Okey:

The enclosed clipping from the *Lansing State Journal* may be of interest to you. It echoes the reaction I have felt as I have seen Lehigh move from 700 to 1000 with the goal now 1500, as I understand it. We used to boast of the Lehigh spirit and the close contact between faculty and student body! Somehow as the college has grown the thought has struck me that we might be paying a big price in many valuable things for the benefit of numbers only. I have seen a good many of the big State universities and have never felt Lehigh lost by comparison nor have I ever felt I had anything to regret because I went to a small school! You have noticed likely that Princeton has set a student limit but considering their resources, they have cut away below the Lehigh figure by comparison. Considering the percentage of a class that graduates—the number that fall by the wayside through lack of proper preparation, adaptability, etc.—would not higher entrance requirements and a closer scrutiny of applicants give us a more compact student body, more efficient plant and a better product?

More rambling thoughts but Lehigh has meant and does mean more to me than just a knowledge factory.

Best wishes and lots of luck.

Sincerely,

H. LOU MILLER, '11.

February 23, 1926.

Dear Miller:

I enjoyed your letter with its enclosed clipping very much. I read the article in the *Cosmopolitan* magazine to which the editorial refers. Personally, I am strongly in favor of the small college, and I would not like to see Lehigh ever take more than the 1,500 students, to which we are limited by trustee action. I don't think this is too large, when you have as many different courses offered as is the case at Lehigh.

Princeton has always struck me as just about the right size. Of course, as you say, our resources and plant are not nearly so great as those of Princeton. However, we hope to increase both very greatly in the next ten years, and my own dream is to see Lehigh as important in her field as is Princeton in her somewhat different field. But even when this time comes I hope the limit of our student enrollment will be kept down to what it is at present, which as you know, is somewhat less than is the case at Princeton.

With kindest personal regards, I am

Sincerely yours,

WALTER R. OKESON,  
Executive Secretary.

### The Voice of Wuethrich, '23, Crying "Lehigh" in the Wilderness

March 9, 1926.

Dear Okey:

Have wanted to write to you for some time, concerning my yearly gift to Lehigh. I want to do something for Lehigh and my failure to send in the card stating an amount that I would give was caused by my inability to give something at the present time or perhaps even by June 1. Here's the dope, "Okey"—I'm going to join the ranks of the benedicts. The event will take place in Louisville, Ky., on March 25, to Miss Theresa Rectanus, of that city. You know what that means, Okey! I'll need my money, all I can lay hands on and more. However, I want to make a gift to Lehigh before the end of the year and I hope before June 1. I am unable to state what amount I will be able to give at that time. You can count on me, however. Lehigh is one of my inspirations in life. I have done all in my power to get young men from this community to go there. But there are few who are able to go to college and most of those can afford only to go to a State university, so they choose Illinois.

Say Okey! I almost had this crowd out here believing that Lehigh was the only engineering school in the country, but I guess they watched me at work and decided differently. But I keep hammering at them just the same. I do get the razberries when our football team loses a game. But I immediately assume a very sober and perplexed look and tell them it is too bad Lehigh is such a tough college, scholastically, that it is impossible for an athlete to stay in college because his class work requires most of his time. I tell them Lehigh ought to quit playing football. There is no time for it there. I immediately draw their sympathy and it's all over. Yet if Lehigh should give up football, I'd just naturally pass out.

You'll have to excuse the stationery "Okey." Meant to write to you at the plant, then I could have used company stationery, and the typewriter, and put a couple of initials in the lower left hand corner to make it appear as though I had a stenographer. All of which would have created a business atmosphere and possibly create the impression that I was somebody out here, which of course I'm not. I am assistant to the Chief Chemist since Christmas past. I'm getting along fairly well, but I haven't got my first million yet. When I do get it I'll remember Lehigh. However I'll not wait until then, because I'm afraid Lehigh would be out of luck if she waited for me to make my first million. In the future I'll be able to do more. I still have part of a school debt that must be paid off.

I'll have to go to bed now; it's almost nine o'clock. Out here we go to bed before the curfew blows.

Wishing you success in getting the \$200,000.

Yours for a Greater Lehigh.

A. G. WUETHRICH, '23.

### That Grand and Glorious Feeling—Mutual

March 27, 1926.

Dear Okey:

I just received a bill from L. U. It was stamped "Paid." Now that is ample reason for "A Grand and Glorious Feeling" and just to prove to you I'm celebrating I'm enclosing a check for the Endowment Fund.

I'm glad the BULLETIN, at least, is paid up, for after enjoying the last number immensely, I'd hate to think that I still owed for that.

This June I expect to get my M.S. in E.E. at Yale. Also I've been appointed an instructor in the E.E. Department.

If you have any more bills for me just stamp them paid before sending.

Yours truly,

WM. H. SCHLASMAN, '20.

# NEWS OF THE CLASSES

## DEATHS

### Joseph O. Mathewson, '94

Joseph Oscar Mathewson, '94, was operated on for appendicitis on February 21 and was apparently recovering nicely when pneumonia developed and he passed away on February 28, 1926. He leaves a wife, and one son, Joseph, Jr., aged 27.

Mathewson received the B.S. degree in Metallurgy in '94. He had been connected with the Ashland Milling Co., in Ashland, Ky., for some years, and was widely known and respected in the community. He retained a lively interest in Lehigh throughout life, and one of his closest friends in Ashland, Salmon, Lafayette '95, was constantly reminded of the old rivalry. He was a member of the Delta Tau Delta Fraternity.

The following editorial from the *Ashland Daily Independent* was sent in by C. R. Peebles, '04, who writes: "It truly expresses the high esteem in which the whole community held him, and the general sorrow at his passing."

"Every now and then a man is taken from the city by death and the loss comes home to every individual in the community with especial poignancy. Such a loss was experienced by Ashland yesterday in the death of Joe Mathewson.

"The impress left upon the life of the city by the presence of J. O. Mathewson for so many years is indeed a beautiful one. His every thought seemed to be for others. His every spoken wish dealt not with self, but with the welfare of those about him. He was successful in business pursuits, but found time always to give freely of himself to every worthy cause that offered for the betterment of the community and its people. No call upon his resources of time and means was too heavy to be answered by the hearty cooperation and intelligent effort of Mr. Mathewson.

"He had served the city and its people in many official capacities. He was president of the first Chamber of Commerce organized here years ago, and served most successfully, as mayor of the city. He was a leader in civic club life. As president of the Kiwanis Club, potentate of El Hasa Temple, and head of the Ashland Library Association, he had seen all of these organizations grow to their present state of high service for which they were formed. As an active worker in church and Sunday School, he exemplified the life of the Christian as well as that of the many-sided and able citizen."

### R. A. Dinan, '00

Raymond Aloysius Dinan, for some years a practicing physician in Bethlehem, died suddenly on March 14, 1926, following a heart attack at his home. He was 47 years old.

Dinan transferred to the University of Pennsylvania to study medicine, receiving his M.D. in 1901. He practised in Philadelphia for six years and then returned to Bethlehem. He is survived by one daughter, three brothers and four sisters.

### Austin W. Moore, '06

Austin Wilford Moore, formerly Assistant Principal of the School of Engineering of the International Correspondence School, died June 12, 1925, in the Veterans' Bureau Hospital, Perry Point, Md., at the age of 41. Moore enlisted in the Army in 1917 and served as Lieutenant in the Motor Transport Corps. His death came as the result of wounds sustained while in the service. He is survived by a widow and two children.

Moore was graduated with the degree of El.Met. in 1906. He was active in Mustard and Cheese, Minstrel Show, and won the Williams prize in English as an undergraduate.

### Harold S. Mabey, '11

Harold Stanley Mabey, '11, died in March, 1926, in Williamsport, Pa.

## BIRTHS

### Class of 1903

Born to Mr. and Mrs. Samuel P. Felix, of Philadelphia, a son, Hedden, on May 25, 1925. (Sam told us about this important event last June—Alumni Day, to be exact—and we immediately wrote a reminder and put it in our pocket, but we've never been able to figure out where we left that coat that evening. Our humble apologies to Mrs. Felix, who no doubt wonders what good it does Sam to be an officer of the Alumni Association if he can't get red hot news in the BULLETIN.)

### Class of 1920

Born to Mr. and Mrs. Henry L. Long, of Brooklyn, N. Y., a son. Name and date not given, but Dad writes that he's headed for Lehigh, so we'll name him when he gets here.

### Class of 1923

Born to Mr. and Mrs. E. W. McGovern, of Sault Ste. Marie, Mich., a son, Edward W. McGovern, 3rd, on March 25, 1926. Eddie has already entered him for the class of '46.

## MARRIAGES

### Class of 1898

David Hope Childs, to Miss Etna Elizabeth Elliott, on Saturday, April 3, 1926, in Oberlin, Ohio.

### Class of 1922

Joseph Dietz to Miss Irene Mates, of Cleveland, Ohio, on March 14, 1926.

On March 25, David Green, 1922, was married to Miss Jeanette Katchen, of Newark, N. J. Their address for the present will be 289 Osborne Terrace, Newark, N. J. Dave just recently passed the bar exams and is a member of the law firm, Green & Green, located at 916 Prudential Bldg., Newark, N. J.

### Class of 1923

Adolph G. Wuethrich, to Miss Therese Rectanus, of Louisville, Ky., on March 25, 1926.

## PERSONALS

### Class of 1876

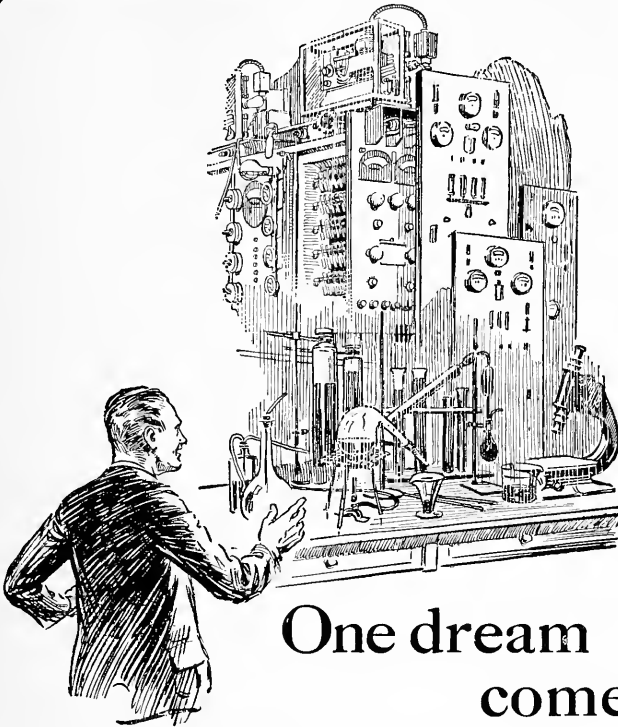
#### 50-YEAR REUNION, JUNE 12, 1926

There may be larger reunions this June, but there won't be any more enthusiastic than '76's golden jubilee. Fifty years has not dimmed the glories of her achievements for old Lehigh nor weakened the zeal of the boys who raised her standard high in the old days. "The Spirit of '76" is a tradition. This class has been preparing for this golden jubilee for 5 years, so nothing need be said to her members—they know. But for the benefit of those alumni whose 50-year reunion lies before them, '76 says come back to Lehigh on June 12, and see how a *real* class celebrates its golden jubilee.

### Class of 1881

#### 45-YEAR REUNION, JUNE 12, 1926

There are still a number of good, live '81 men who have not yet made reservations for the class banquet—not that it matters much, for we know well enough that they'll all be on hand for June 12—but just to make sure of complete accommodations for yourself, it would be a good idea to drop J. T. Bourke or T. M. Eynon a line, if you haven't done so. The class will get together Friday evening at 7 p.m. at the Hotel Bethlehem. A special table has been reserved for us, for the Alumni Dinner. At that time the program of 81's



## One dream come true

FOR the man whose Castles in Spain are built in the laboratory, here is the promise of a dream come true.

In communication research, men have seen a thousand great visions in little test tubes, hundreds of new thoughts reflected in the mirrors of galvanometers.

A life-time of this work is waiting for the man who loves it, and under conditions that he has always longed for. A wealth of apparatus and materials, an abundance of knotty problems, a group of associates who are helping in the great work—these are a natural part of this far-reaching industry. The requirements of communication call for deeper, ever deeper inquiry,—all science contributing the stuff of which the researcher's dream is woven.

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*Makers of the Nation's Telephones*

*One of a series of announcements appearing in student publications and aimed to interpret to undergraduates their present and future opportunities.*



participation in the festivities on Alumni Day will be divulged. All you have to do is to make sure to be there. A bunch of us are counting on seeing you!

### Class of 1886

40-YEAR REUNION, JUNE 12, 1926

No report on the '86 Reunion received from the committee as we go to press. What does it mean? Well, it may mean that there's nothing to report, or it may be that the Committee's been too busy writing letters to the class to bother about the BULLETIN. June 12 will reveal the right answer.

### Class of 1891

35-YEAR REUNION, JUNE 12, 1926

Next to the last call for dinner in the dining car the chance to wear colorful glad rags at the car and chance to wear colorful glad rags at the most wonderful reunion of the "Only Class". Come this time while the walking is still good for the pee-rade. In 1931 some of us may need crutches.

L. R. Shellenberger is one of the Lehigh engineers whose efforts helped build the Hudson River Vehicular Tunnel. He is designer of bridges and other structures for the New Jersey State Highway Department, his offices being at 921 Bergen Ave., Jersey City.

### Class of 1894

Godwin Ordway, Colonel in the Coast Artillery Corps, who was stationed at the Boston Army Base after his return from the Canal Zone, has been assigned to duty at Fort Hancock, N. J.

Ruel Warriner has been elected vice-president of Mines and Commerce of Delaware, Inc., with offices at 25 Broadway, New York City.

### Class of 1896

30-YEAR REUNION, JUNE 12, 1926

"And had I the power—thank God I've not—  
To right the world, and its scheme to plot,  
I'd have a Reunion every week  
With marching cut out, but with all to speak;  
And after the twenty-fifth, start back  
Till we got to One on the return track!"

*Morris Pool, '96.*

H. H. Bick, Professor at Franklin and Marshall College, is president of the Lancaster County Historical Society, and in this capacity, is actively engaged in the development of a suitable Sesqui-Centennial program for Lancaster County in the American Revolution.

### Class of 1897

Sinclair W. Chiles sends a clipping from the Tampa (Fla.) *Tribune* concerning C. A. P. Turner '90, which found its way to the "Lime-Light" department. Chiles is located in Lakewood, Fla., where they grow the "Sealdsweet" oranges.

### Class of 1898

Ben Riegel is now Chairman of the Board of Directors of the Warren Manufacturing Co., 342 Madison Ave., New York City.

D'Arcy Roper has been elected President of the Acme Steel and Malleable Iron Works, Inc., of Buffalo, N. Y.

### Class of 1901

25-YEAR REUNION, JUNE 12, 1926

The news of this reunion is all over Bethlehem. "Some party we're going to have down at the Spring Valley Inn," says a local friend, not an alumnus. "Who's we?" we queried. "Oh, 1901—Twenty-fifth reunion! I'm playing in the orchestra."

"What're you gonna do with all these trick costumes?" asks a local merchant. "They must be for '01's reunion," we guess. "My lord, d'you mean to say Tim Burns and that gang are going to be back here this June? Hot dog!"

Hot dog is right! Some party is right! And not only that, but '01's reunion is going to mean something. Just glance at her percentage in the column of Lehigh's supporters. A strong contender for both the Reunion and Active Membership Cups, we opine.

### Class of 1903

E. A. Andrews, formerly with the Ingersoll-Rand Co. in Easton, has given up engineering to devote himself entirely to his hobby—boys. He is Field Scout Executive of the Easton, Pa., Council, Boy Scouts of America.

T. K. Minsker is Chief Engineer with George C. Diehl, Inc., 555-83 Ellicott Square, Buffalo, N. Y.

Henry R. Trumbower, since 1923 economist for the U. S. Bureau of Public Roads, Washington, D. C., has been elected as professor of transportation at the University of Wisconsin. From 1910 to 1916 Trumbower was an instructor and assistant professor in the department of economics at the University of Wisconsin, and from 1916 to 1923 served as a member of the Wisconsin Railroad Commission. He will take up his new duties at the beginning of the college year in September.

MANAGEMENT ENGINEER, 40 years of age, has had civil and industrial engineering training and several years executive experience. Desires opportunity to manage substantial operation. Outline of training and experience furnished upon application.

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### FOR EVERY MATERIAL HANDLING REQUIREMENT

BELT CONVEYORS, BELT AND BUCKET ELEVATORS, COAL AND COKE CRUSHERS, LOADING AND UNLOADING TOWERS, STOCKING AND RECLAIMING FRIDGES, SKIP HOISTS, ROTARY GRIZZLIES, SCREENS, ETC.

—WRITE FOR HANDBOOK OF CONVEYOR PRACTICE—

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THOMAS MATCHETT  
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E. ROBINS MORGAN, '03, Mgr. Pittsburgh Office

15 PARK ROW, NEW YORK

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BOSTON



### Class of 1905

J. F. Bennett, who is with the Republic Iron and Steel Co., in Youngstown, Ohio, moved into a new home on April 1, at 623 Parlswood Ave., Youngstown.

H. O. Layman, formerly Secretary and Treasurer of the A. C. Layman Machine Co., of Wilmington, Del., has become associated with the Bethlehem Shipbuilding Corporation, Ltd., as Estimating Engineer at their Harlan Plant in Wilmington.

G. S. Mervine, who is with the New York Telephone Co., has been promoted to the position of District Plant Engineer for the Southern Manhattan Division. His headquarters are at 140 West St., New York City.

### Class of 1906

No report this month from the handsome '06 Reunion Committee! Guess they figured that if they didn't sent anything we might print their picture again. Or maybe they assume that the simple knowledge that '06 is re-union on June 12 tells the whole story to anyone who knows the class. Well, it does intimate considerable, at that.

Kenneth Mills, formerly manager of the New York Branch of the Columbia Graphophone Co., has "moved to the fair city of Miami," Fla. Don't know what he's doing down there, outside of enjoying the climate.

F. R. Pyne has left the Raritan Copper Works, in Carteret, N. J., to become Superintendent of the Raritan Copper Works in Perth Amboy, N. J. He is still living in Elizabeth.

### Class of 1907

C. H. Griffith has left New York to accept a position with the Pure Oil Co., in Columbus, Ohio.

G. K. Herzog, who is with the Union Carbide and Carbon Co., has been, for several years, stationed at Kokomo, Ind., at the Haynes Stellite plant there. Recently he was transferred back to the main office of the company at 30 E. 42nd St., New York City and is living out at New Rochelle.

### Class of 1908

W. F. Banks, who is President of the Motor Haulage Company, Inc., of Brooklyn, N. Y., is also a director of the Armored Service Corporation of that city.

### Class of 1909

A. Maxwell Paget announces that he is now associated with Messrs. Theodore Visscher ('99) and James Burley ('94) in the practice of architecture and engineering.

Clyde Shank has been transferred by the Bell Telephone Co. of Pa., from their Philadelphia office to the job of Division Plant Engineer in Harrisburg. Guess Clyde was sorry to pull stakes from Glenside, but he has a nice home in Camp Hill, right across the river from Harrisburg, and is rapidly becoming acclimated.

J. B. Stobaueus is manager of the Atlantic City office of the Home Seekers' Realty Co., (of Florida). When you're strolling down the Boardwalk stop in at his office, at Pennsylvania Ave., for John would rather talk Lehigh than real estate any day.

R. A. Wahl, but recently transferred to the Pittsburgh office of the Portland Cement Association, has returned to the Philadelphia headquarters, at 1315 Walnut St.

### Class of 1910

Robert D. Koplin is working for the D. and Z. Engineering and Construction Co., of 1600 Walnut St., Philadelphia, in their drafting department. Koplin was formerly with the United Gas Improvement Co. in Philly.

Sam May, who is with D. C. McAleer, Contractor, in Baltimore, is now Superintendent of the company, with headquarters at 703 Lexington Bldg.

Jack Rowan just stopped in the office (April 5) with a promising looking sub-freshman in tow. While getting the youngster lined up for Lehigh next fall, Jack let the cat out of the bag as to the reason for the recent dearth of bowling news

## WHAT IS THERE TO THESE "SUCCESS STORIES"?



ROBABLY you have sometimes wondered, "Where do all the 'success stories' come from? Can they really be true? Is there any one thing that can actually *make men successful*?"

Our answer will perhaps surprise you. For we say without hesitation that most of the men whose success stories we have published would have been successful *without* the help of the Institute.

We don't take credit for the fine records made by our graduates any more than Yale or Princeton or Harvard take credit for the success of theirs. We provide no trick formulas to make men prosperous overnight. We simply give them the facts they need to know about business. If they are big enough to use these facts, they succeed. If they aren't—well, they would have failed anyway.

What the Institute does—and the *only* thing the Institute claims to do—is this: it brings success *sooner*.

• • • • •

The reason why independence comes so late for most men is that there is so much to learn.

Only a man who knows all the different departments of business is qualified to reach the higher positions, or to enter business for himself. And learning all departments from practical experience in each is a matter of many years.

Is there no way to shorten this process? Must every man's life have so many wasted years? The men whose success stories you have read determined to eliminate those wasted years from their lives; they found a way in the Alexander Hamilton Institute.

For years we have specialized in the single task of training men for the higher executive positions of business. Into the Institute's Course have been built the experience and the methods which have made many of today's business leaders successful. Its subscribers learn in months what ordinarily takes years.

That the Course is authoritative and practical is proved by the calibre of the men who constitute the Institute's Advisory Council. They are:

General T. Coleman duPont, the well known business executive; Percy H. Johnston, President of the Chemical National Bank of New York; Dexter S. Kimball, Dean of the College of Engineering, Cornell University; John Hays Hammond, the eminent engineer; Frederick H. Hurdman, Certified Public Accountant; and Dr. Jeremiah W. Jenks, the statistician and economist.

A booklet has been especially prepared that gives all the facts about the Institute. More than 100,000 college men have read it. If you would care to have a copy, write us.

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## A Different Kind of Job

Not a desk and time-clock job, at either end of a push button; not the selling of an article, be it an automobile, or any other thing which creates in the buyer more needs, more wear and tear on mind and nerves.

But the selling of absolute future security, creating a calm mind, a serenity of outlook in the buyer.

Not waiting for your predecessors to die; not depending on the lucky chance.

But receiving immediately the amount of money and reward commensurate with what ability you show.

This job is selling life insurance.

It has been noted that many college graduates suddenly give up working for someone else, go into life insurance, and in a short time find places on the lists of high-ranking insurance producers.

There is a reason for this which is worth thinking over.

Complete and confidential information, without any obligation on your part, can be obtained by writing to the Inquiry Bureau, John Hancock Mutual Life Insurance Company, 197 Clarendon Street, Boston, Massachusetts, or by application to any of our General Agents.

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OF BOSTON, MASSACHUSETTS

from the Maryland Lehigh Club—They've dropped back to third place, as Kutzleb was out of town for a couple of months. Jack also extended a cordial invitation to the Club's Spring outing, details of which are a mystery—it's going to be good, and if you haven't sense enough to go, on Jack's say-so, that's your hard luck. Also an invitation to 1910's 20-year reunion in 1930—B. Y. O. L. and Pay Your Own Way. Come again Jack; we haven't had so many invitations in a month.

P. H. Thayer is now President of the Burton-Boston Brush Co., of 122 Harvard St., Cambridge, Mass. Thayer lives in Brookline, where he recently moved into a new home at 1101 Beacon St.

### Class of 1911

15-YEAR REUNION, JUNE 12, 1926

Dear Okey:

What delicate hint did you mean to convey by using a picture of our tenth reunion to illustrate that amusing article on the "Divine Right of Alumni" in the last BULLETIN? What subtle suggestion was implied by the outwardly innocuous caption—"without having exercised a cubic millimeter of his brain"? Ah-hah! You thought we wouldn't recognize ourselves, eh? But we did. And we want to pass on this friendly advice, in the interest of future issues of your BULLETIN. Be sure and have a photographer on the job on June 12. Instruct him to keep his lens focused on us, if he can. Tell him to take pictures as fast as he can push the button. For Okie, m'boy, if the camera's any good you'll have pictures that will not only embellish future issues of your dope sheet, but will inspire future generations of Lehigh men to try and do likewise; pictures that may be bound and published as the one great authority on how a reunion ought to look, pictures that will drive away the blues, put over Endowment Campaigns, collect dues, reform the heathen and cure that tired feeling.

From all of which you may infer that we are planning one sweet party for '11's fifteenth and you may say what you damn please about it in the BULLETIN and it'll be alright with

THE COMMITTEE.

C. B. Bishop, formerly with the Transport Survey Corporation in Philadelphia, has taken a job with Uncle Sam, in Washington. His official title is "Research Assistant," which somewhat indefinite status may (perhaps) be clarified by stopping in to see him at 411 Williard Bldg.

### Class of 1913

J. F. Beers, who is with the American Brake Shoe and Foundry Co., was recently transferred from their Mahwah plant to Baltimore, where he is Superintendent of the Company's works.

Willard K. Smith, late of Voss & Stern, has been appointed Publicity Director of the North American Company, at 60 Broadway, New York City.

Classmates and other Lehigh friends of "Don" Wallace, will learn with deep sympathy of the death of his wife last month, after a very short illness.

### Class of 1914

F. W. Binzen is assistant merchandise man with J. C. Penney Co., of 330 W. 34th St., New York City.

J. O. Liebig is running an entertainment agency in Lancaster, Pa. Any of the reunion committees who are wondering what kind of a stunt they can arrange for the Alumni Dinner on June 11 might do well to get in touch with him.

Lee Packard has left the Union Trust Co. of Baltimore, to become vice-president and secretary of B. F. Johnston & Co., Inc., General Contractor, of 11 E. Lexington St., Baltimore.

### Class of 1915

William Kennedy, Jr., is treasurer-secretary of the Wm. Kennedy Construction Co., of 215 Montague St., Brooklyn.

### Class of 1916

#### NINETY-FOUR MEN AT OUR 10TH REUNION

That's how the wind blows to date. Out of 59 men heard from 37 expect to be there June 12th. Not only that, 8 more have not actually said no. 37 out of 59 means 94 out of 150. It's possible and we are just the ones to do it.

Here is the list of the men who expect to be present: Abbott, Bausman, Buell, H. S. Carlson, Clare, Clement, Fleming, Ganey, Greer, Hartmann, Heisler, Hess, Hoopes, Johnson, Johnston, Kaufman, Knox, McCauley, Matthews, Mayers, Mudge, Paules, E. Perry, W. T. Perry, Preston, Quin, Shields, Smith, Snyder, Stem, Stephenson, Thorp, Uhl, Webb, Wells, Wood, Wynne. You can count on these being there too: Borden, Hiss, Mack, Reitzel, Sanford, Sawtelle, Schuttler, Toulmin.

Theo Forstall is wintering in West Baden, Ind., with John Robinson's Circus. He writes that when on the road his duties include "helping to entertain the yokels and incidentally try and separate them from as many cash dollars as we can." We have suggested to Theo that he bring his circus to Bethlehem for our reunion. A couple of elephants or camels leading our class p-rade would be the nuts.

Robson L. Greer, formerly vice-president of H. H. Lineaweaver & Co., Inc., is now associated with C. C. Collings & Co., Investment Bankers, Packard Building, Philadelphia.

Herb Leslie writes that he is going to round up the Lehigh men in Brazil.

Through Priestley Toulmin we learn of a Lehigh in Alabama. How about '16 getting behind a "Lehigh in every State" campaign?

### Class of 1917

John L. Etter is teaching in the science department of Friends' School, on Park Ave., in Baltimore.

Jim Lees is working for the Foundation Co., of New York City. Just at present he is in the home office at 120 Broadway.

### Class of 1918

J. M. Arthur is electric sales manager for the Graybar Electric Co., in their Newark, N. J., office.

"Nuts" Bowman, who has had headquarters in Bethlehem for the past six months (although spending most of his time in neighboring towns financing hivers for a dollar-down-and-here's-your-change) has stepped into his former boss' shoes and transferred to the Reading office of the company.

Jack Knight's bill for dues comes back with this note on the bottom:

"L. F. Knight is at the above address (West Africa) and will be there for the next two years if he don't get fired. It takes 5 months to get a reply from him by mail. His Dad."

Now we knew perfectly well that Jack had returned to the diamond mines, because we polished off a flask together on the eve of his departure, but somehow or other, his address never got changed on the files. (Maybe the flask had something to do with the oversight.) Anyway, Jack, we'll send the bill along, and you can gamble that we'll be just as glad to get it five months from now.

H. W. Shockley, who used to be plant engineer with the Phoenix Stone Co. in Arrington, Va., is now with the Phoenix Stone Co., same place. All that happened is that the company has changed hands and name, and Shock has lost a few more hairs.

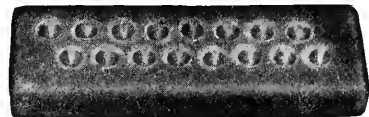
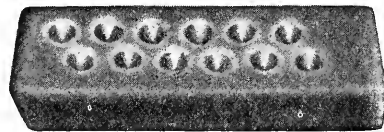
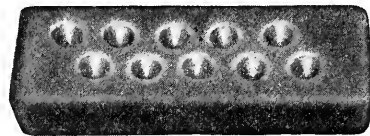
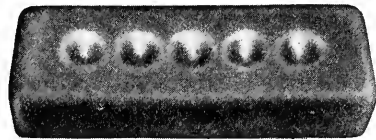
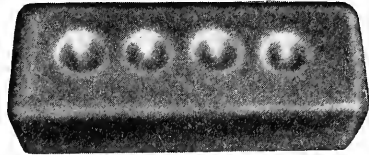
### Class of 1919

B. S. Bottomley, lately with the State Highway Department of Georgia, has located in West Palm Beach, Fla., with the firm of Lightbrow and Wadsworth as office engineer.

Red Rowand has realized one of his pet ambitions, which was to get back East with one of the big public utility companies. On April 1 he reported for duty with the U. G. I. Co., of Philadelphia at Chester, Pa., and will be located there permanently, covering territory outside of Philadelphia.

C. S. Schubert, formerly with the Braden Copper Co. and lately returned from Chile, has taken a position with the Howard Collieries, in Chat-taroy, W. Va., as assistant mine foreman.

## CHILLED IRON WIRE DRAWING DIES



Grinding plates, sand blast nozzles, pug mill blades, liner plates, tube mill trumpets, rod and rolling mill guides, centrifugal pump liners, pipes for ash conveying systems, coal breaker troughs, etc. All made of "Mackite"; our hard, white, abrasion resisting iron, remarkable for its wearing capacity.

## McFarland Foundry and Machine Co.

TRENTON, N. J.

J. H. PENNINGTON, '97, Gen. Mgr.

## Class of 1920

L. H. Harwi has left the Carnation Milk Products Co., and become an investigator for the Zurich Insurance Co., of 45 John St., New York City.

M. F. Judd has his own real estate and insurance business in Bethlehem now, and is handling a nice business at 98 W. Broad St.

John Terry has been transferred from Camden, N. J., to Medford, N. J., where he is resident manager of the Mechling Bros. Chemical Co. plant.

## Class of 1921

## 5-YEAR REUNION, JUNE 12, 1926

Rheiny reports that all is set for the big show, except for having the class numerals engraved on the Reunion Cup. There doesn't seem to be any doubt that '21 will walk away with the bauble, for every man expects to be there with bells. All kiddin' aside, though, it has been a cinch to arrange this reunion, because everybody just naturally planned to come without any urging. Just picture that grand old campus, all green and sunshiny, populated once more by the old gang of good friends and you'll understand why every '21 man is saying, "Friend Boss, I'm at your service 364 days of this year, but on June 12, I won't even know you for I'm Beslem bound."

Biff Bailey, who has worked for the Bailey-Farrel Manufacturing Co. of Pittsburgh, the plumbing supply business started by his father, for several years has branched out for himself as President of the Absopure Sales Co. in Pittsburgh, office at 631 Penn Ave.

Hank Boynton is with the Boyce Motometer Co., in Long Island City.

Ray Childs is back from the Sunny South and will stay in New York for a while. He is with John Ebersson, Architect, of Chicago, and may be addressed at P. O. Box 82, Station W, New York City. Had a hunch that Ray would be getting closer to Bethlehem as June approached.

Jim Dougherty has located in New York as vice-president and treasurer of J. H. Bunnell & Co., Inc., of 32 Park Place.

Aaron A. Eisenberg is secretary and treasurer of the Lasco Shellac and Lacquer Co., of 117 Bush St., Baltimore. Eisy has been in Baltimore for several years, having been connected formerly with Hanline Bros., paint manufacturers.

Eddie Loeser, who is working for Morana, Inc.,

in Elizabeth, N. J., is keeping his hand in at wrestling, by holding down the heavy-weight berth on the Elizabeth Y. M. C. A. team, holders of the state amateur title.

T. B. Rights, who is with the Foundation Co. of New York City, is just at present on a job in Newark, where his concern has a contract to rebuild a boiler room and put in three new turbines.

J. E. McNamara, Jr., '21, who is with Horwath and Horwath, Public Accountants, of New York City, was recently transferred to Omaha, Neb., to take charge of work in connection with the Eppley Hotels Company. He writes that he hopes to get back to the Reunion and it doesn't seem at all unlikely in view of the fact that he has a very important engagement with Miss Marie G. Brennan of New Haven, Conn., for some day in June.

D. F. Pomeroy is in the Office Personnel Department of the Atlantic Refining Co., of 260 S. Broad St., Philadelphia.

R. M. Rice is motive power inspector with the Reading Co. in Reading, Pa. Office at 6th and Perry Sts.

J. Henry Spangler, who is with J. E. Baker Co., manufacturers of lime, has joined the company's sales force. He was formerly cost accountant for them.

## Class of 1922

F. C. Agnew is selling for W. A. Case & Son Mfg. Co., of 72-90 St. Paul St., Rochester, N. Y.

Brick Carpenter, formerly engineer with the Radiant Heat Corporation of America, has taken a position with Hamlin & Co., of 17 Rector St., New York City.

Joseph Dietz is sales manager of the Rapid Transit Land Sales Co., in their home office at 2049 East 105th St., Cleveland, Ohio. Joe is featured under "Marriages" this month. Congratulations, old timer.

Dave Green is another of the old gang who stepped off last month.

Monty Jefferson has left the Federal Shipbuilding Co., to become Assistant Technical Manager of the New York branch of the Vacuum Oil Co. Jeff may be found at the Company's office at 247 Park Ave., or at the Y. M. C. A. in Newark where he lives.

Chubby Satterthwait is president of the Stearns Motor Car Co., Inc., in Bethlehem. You see a lot of Stearns-Knights around town these days.

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## PLUMBING and HEATING SUPPLIES FOR EVERY KIND OF BUILDING



SANITARY SPECIALTIES, FACTORY EQUIPMENT,  
WROUGHT PIPE, VALVES, SCREWED FITTINGS,  
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WESTMORELAND AND  
TULIP STREETS  
PHILADELPHIA, PA.

JOHN G. FLECK, '90  
Vice-Pres. and Gen. Mgr.  
G. B. LA PISH, '19  
Pur. Agt. Reading Br.

### BRANCHES

Allentown, Pa.  
Atlantic City, N. J.  
Baltimore, Md.  
Camden, N. J.  
Easton, Pa.  
Lancaster, Pa.  
Lansdowne, Pa.  
Macungie, Pa.  
Norfolk, Va.  
Pottstown, Pa.  
Reading, Pa.  
Williamsport, Pa.  
Williamstown, N. J.

### Class of 1923

F. S. Cornell is working for Tailor-Robinson of 66 Broadway, New York City, and commuting to Greenwich, Conn.

W. S. Eichelberger, who is with the Consolidation Coal Co., just returned from an eight months' business trip to Kentucky, and is back in Saxtan, Pa., at present.

Walt Kocher has been in the Time Study Department of the Lehigh Structural Steel Co. in Allentown since last November.

John C. Markley is operating a bus line in Schwenksville, Pa.

Cork O'Keefe, formerly manager of Ted Weems and his orchestra, has branched out for himself as O'Keefe-McCoy Organization, with offices at 1405-6 Pennsylvania Bldg., Philadelphia.

Mark Old is Professor of Biology at Olivet College, Olivet, Mich., this year.

Jack Taylor, formerly located in Erie with the General Electric Co., is now Assistant Test Engineer with the Philadelphia Electric Co., in Chester, Pa.

### Class of 1924

Charlie Alwine has left the Philadelphia Electric Co. to go into the firm of Alwine Bros., Brick Manufacturers, in New Oxford, Pa.

F. T. Bumbaugh has taken a position as test engineer, in the Fuel and Experimental Engineering Department of the Carnegie Steel Co. at Duquesne, Pa.

W. F. Burdick, who expects to graduate from Penn with his M.D. this June, has been appointed to an internship in the Walter Reed Hospital in Washington, quite a distinction as there is great competition for these appointments.

Pinky Donaldson has graduated from the U. S. Patent Office to the firm of Spear, Middleton, Donaldson and Hall, Patent Lawyers, in the Victor Building, Washington, D. C.

Eddie Hartman has been made assistant manager of the North Easton plant of the Ames Shovel and Tool Co., in North Easton, Mass.

Hack Hewson, formerly with the Treadwell Engineering Co., in Easton, is now selling automobiles for the Kendall-Ewan Motor Co., of 18th and Butler Sts., Easton.

Shorty Hoagland is Assistant General Secretary of the Bayonne Central Y. M. C. A., Bayonne, N. J. He formerly worked for the Cretan Mantel Corporation in Glendale, L. I.

A. S. Krellberg is attending Law School at Columbia.

E. T. W. Lord is working as an analytical chemist for the Philadelphia Storage Battery Co. at Ontario and C. Sts., Philadelphia.

Don Parsons has left the American Chicle Co. to become District Manager of Pease and Elliman, of 340 Madison Ave., New York City.

Ed. Stauffer, one of our promising public service magnates, has gone to Reading, Pa., with the Consumers Gas Co., after some time in similar work up in Manchester, N. H.

Johnny Strawn has left the Lehigh Valley Transit Co. to become secretary and treasurer of the Best Made Silk Hosiery Co., of Quakertown, Pa. "Settled down and married, Sept. 1925," writes Strawn.

### Class of 1925

#### 1-YEAR REUNION, JUNE 12, 1926

There is only one place in Bethlehem big enough to hold our reunion banquet—the Ball Room of the Hotel Bethlehem. So your Committee went to the manager to arrange for a feed. "Nothing doing," sez he, "can't reserve that room for less than 100 people." "Ha, ha," we chortled, "guess you didn't understand what class we represent—we said 1925, and there will be 150 of 'em here on June 12." "Beg your pardon," he apologizes, "I thought it was just an ordinary class. '25 gets wholesale rates."

Thus was the last detail of preliminary plans settled and now its up to you! Just recall all the kick you got out of your days at Lehigh, add the total of the good times, laughs and friendships and multiply by 25 and you'll get an idea of what's in store for you on June 12. See you then, in Beslem.

## Red Cut Superior



Nationally Known and Recognized  
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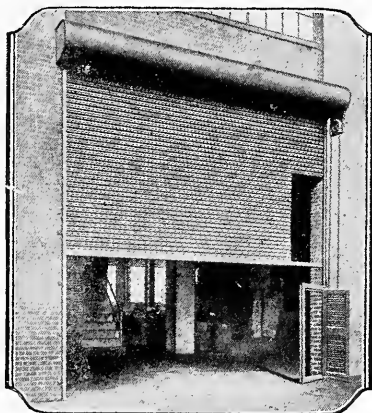
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March 29, 1926.

Dear Okey:

I noticed in the last BULLETIN that '25 was in need of news from their illustrious members and it occurred to me to help the cause.

It has been my pleasure to meet and work with several Lehigh men here in Florida. Harry Gihon, '24 visited me for several months and we both worked for the above company. He has returned to his home in Trenton now.

Butts Neide, '15, was also in Orlando for several months and is now located in Jacksonville. Dick Colby was here, but is now with the Packard Motor Co. in Jacksonville.

Ken. Stelle, '25, came to Orlando in September and has been working with the E. E. White Engineering Company since then. However, we manage to get together rather often and play a little golf.

Butts Neide and myself took a motor trip down the east coast several months ago. We ran into "Banker" Rice, '24, in West Palm Beach. He was working for a Civil Engineering Co. We had dinner with Ray Childs in Miami and spent the evening trying to locate Pete DuBois, but with no luck.

As for myself, I have been selling real estate in Orlando and have just been made Asst Sales Manager for this company. I plan to drive up to Bethlehem for commencement this year and hope to see all the crowd there. Just wouldn't miss it for anything.

I have mislaid my bill for Alumni dues and the BULLETIN, so will enclose this small check and ask you to direct it to the proper source. I'm simply sorry it is no larger, that will come later.

With best wishes, I am,  
Cordially,

EDWIN P. JAMES, '25.

J. G. Bowman is estimator with Wm. R. Chapman & Sons, Inc., 1506 Washington Ave., Philadelphia.

Mike Callow is working in the zinc plant of the U. S. Metals Refining Co. "My official position with the Company," says Mike, "is laborer." Cheer up, Mike; as the old boys tell us, its fine experience for you.

G. B. Henry is head of the machinery department of Henry and Henry, 304 Michigan Ave., Buffalo, N. Y.

J. S. Hursh is treasurer of McCarthy Bros., Inc., N. Broad St., Philadelphia.

S. B. Hutchinson is assistant to the City Engineer of Greensboro, N. C.

Fritz Mercur, Lehigh's tennis ace, is selling life insurance for the Equitable Life Assurance Society of the U. S.

Joseph J. O'Neill is selling real estate for Jos. A. O'Connor & Son, of Montclair, N. J.

L. M. Washburn is agent for the Metropolitan Life Insurance Co., in Wilkes-Barre with offices at the corner of Market and River Sts.

Albert E. Weissenborn went with the Phelps-Dodge Corporation, at Bisbee, Ariz., after Commencement, and was with them until Feb. 1 this year, when he took a job at the Red Cloud Mine, outside of Yuma, Ariz., as an assayer.



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## The Disadvantage of Poor Lighting

As thousands of our industrial plants are operating today with poor lighting and in some cases with extremely bad facilities, it would seem that the importance of the subject of lighting has not been given the serious consideration by those responsible for such conditions.

Poor lighting is one of the most serious handicaps under which a manufacturing establishment can operate. First of all, poor lighting is the cause of a large number of accidents in industrial plants; and is it singular that accident reports do not yet properly classify the hazards of poor lighting, which in many cases is the primary cause of an accident attributed to what is really a secondary cause. Safety engineers and other officials who make accident reports should always consider the conditions of the lighting when working up a report of accident causes, for it plays an important part in a great many casualties and it apt to be overlooked. All accidents due to poor lighting are accidents of neglect, and are preventable. The poor lighting accident hazard is clearly chargeable to management and not men. It is a difficult matter to make such progress with Safety First in a plant which has neglected to provide one of the fundamental requirements of accident prevention—good lighting.

Probably no one single factor connected with the equipment of a plant so directly affects the efficiency and inefficiency as the quality and quantity of the lighting. The curtailment of production of all working under the disadvantage of poor lighting represents a big loss each day; the poorer the lighting the less able is the working force to function efficiently. Quality and quantity both suffer, representing a preventable loss wholly removable by improving the lighting.

Under poor lighting conditions, we cannot expect and rarely do we find an orderly, clean factory. Darkened places encourage careless habits and workers are often led to deposit discarded articles or materials which should be deposited elsewhere. The eyesight of those who attempt to use their eyes continually in insufficient light, below nature's demands, is often affected. Too much light, such as is furnished by bright, unprotected lights, is as harmful as too little illumination; both are fundamentally wrong. Nature's own illuminant, daylight, is unequalled for our requirements of lighting.

The eye is best suited to daylight in the proper quantity. Sun glare should be avoided, and in the darkened hours proper artificial illumination provided. Daylight should be utilized to the fullest extent. It is supplied free in abundant quantity for our use. Modern invention has supplied a means whereby the interior of buildings can be lighted by daylight, and all the advantages secured which is furnished by good lighting at the smallest cost.

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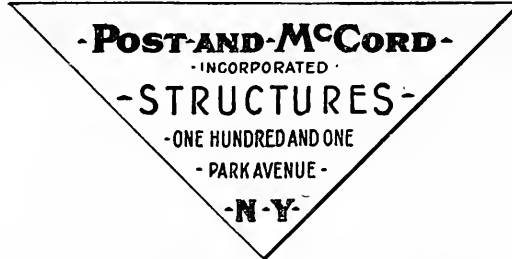
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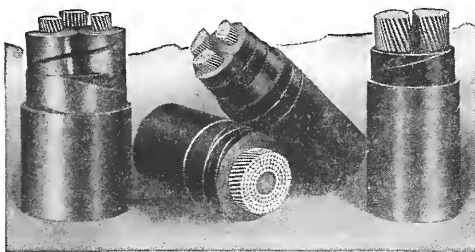
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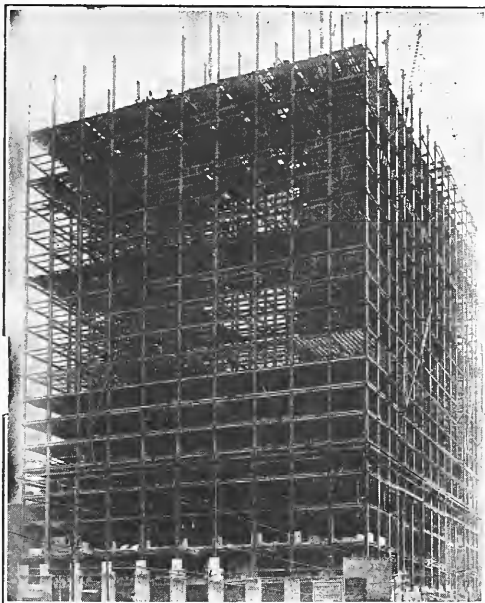
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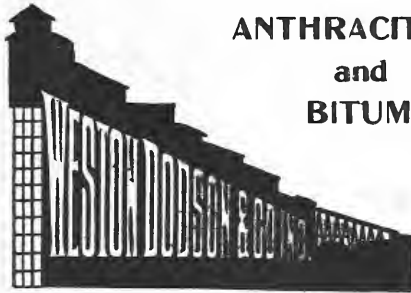
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